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SEED STORE

Coles County
SEED FARM

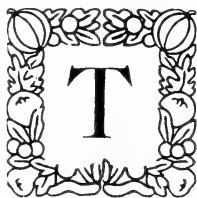
James O. Toland
Proprietor

HUMBOLDT - ILLINOIS

Vegetable Seed Trials

D. N. Shoemaker FEB 20 1930

INTRODUCTION



THE years have rolled quickly by since I commenced my seed business in a modest way. The first circular was two pages giving a list of prices of seed sold. Since that time my catalogue has grown each year until it has reached its present dimensions. My steady endeavor has always been for constant improvement, both in the method of my business and quality of my seed. The best evidence that I have succeeded in this is my large and constantly growing trade. I now take pleasure in presenting my Annual Descriptive Catalogue, and thank my friends and patrons for their liberal patronage which has resulted in a steady and constant increase in my business. I appreciate this, and assure my customers that I shall always endeavor to merit their patronage and support by supplying them with the best possible seed at as reasonable prices as first class seed can be sold.

Hoping the new year will bring an increasing measure of happiness to all my customers, I am,

Yours sincerely,

JAMES O. TOLAND.

Humboldt, Illinois
January 1, 1930.



J. O. TOLAND

WHY THIS IS CALLED THE COLES COUNTY SEED FARM

The proprietor, James O. Toland, was born in a log cabin near Ashmore, Illinois, and raised in Coles county and was one of the youngest boys that ever handled a team and plow in the country. He drove an ox team to break the wild prairies and cultivated corn with a horse hitched to a bar plow at the age of eight years. All his life has been spent in working the deep, black soil of northern Coles county. Having experienced the great improvement in the breeding of stock, and the little attention given to corn and other field seeds, he embarked in the seed business in the year 1881 in a small way and for several years he issued a price list of seeds sold and in 1905 issued his first catalogue, and notwithstanding the great competition which soon sprang up in this field, he has succeeded in building up a business which holds the front rank for honest, efficient work. He built the first seed house in Central Illinois for curing and handling seeds, which had a floor space of 1100 square feet, while his present seed houses on his farm and in Humboldt contain 20,000 square feet of floor space. This alone proves the success he has made in the business, which is due to his untiring efforts. He has never had a partner but is absolutely an individ-

ual concern. In over forty years experience he has been able each year to give his personal attention to the planting, harvesting, and curing his crops. He is one of the eight men who framed the constitution and by-laws of the Illinois Seed Corn Breeders' Association at Springfield, Illinois, 1900, and the fourth man to sign the constitution and by-laws; he also has a life membership in the Illinois Corn Growers' Association. He was very honorably rewarded for his faithful work by being awarded the Gold Medal at the Louisiana Exposition, St. Louis, 1904, for the varieties of corn which he bred, viz: the Improved Yellow Leaming and Boone County White.

He now breeds the Reid's Yellow Dent and Boone County White; he has two of the largest seed houses in Central Illinois, and has done more for the breeding of corn than any other man in that district. This is an age of progress in farming as well as in other professions. There is an increasing demand for better field seeds. Improved methods of fertilization and cultivation and the multiplied facilities for marketing are contributing much to satisfy this demand. Nevertheless no amount of care and cultivation will count if you start wrong. If inferior seeds are planted, failure will be the outcome. Toland's aim is constantly to turn out high germinating and pure seeds to the farmer at as reasonable prices as possible, quality considered.

SHIPPING CONDITIONS

All seed corn to be shipped in the ear unless otherwise ordered.

PRICES IN THIS CATALOGUE are subject to market changes.

Goods are shipped by freight F. O. B. cars at Humboldt unless otherwise ordered.

We charge for bags on all amounts of seed over one-half bushel, except corn and broom corn bags. We furnish new cotton bags at the lowest possible rate, 40 cents each, holding two and one-half bushels.

When corn is shipped in ear, it is put in crates or boxes. We charge 50 cents for crates or boxes for seed corn.

Remit by draft, express order or post office orders.

I sell no amount of seed corn in ear less than a bushel. A satisfactory test of seed corn cannot be made when small amounts are planted. It has been tested and found to degenerate.

I will furnish any amount shelled and graded as small as one-eighth of a bushel. We shell no less than ten bushels at a time, so it is thoroughly mixed and there is no danger of it degenerating.

My terms are cash with order. Every order will be acknowledged when received. I will notify you when shipment is made.

GUARANTEE. While we exercise great care to have all seeds pure and reliable, **WE GIVE NO WARRANTY**, express or implied. If the seeds are not fully satisfactory, they must be returned to us **AT ONCE** at our expense and the money will be refunded.

I PREPAY POSTAGE

On all garden seeds when shipment does not exceed three pounds. In such instances as you order field seeds of any quantity I reserve the privilege of inclosing in the bags or crates such small packets as may be ordered, as it does not increase the transportation charges, and in consideration of this I will add enough seed to fully repay customers for this favor. This prepayment applies to the United States only.

MY REFERENCES

For information regarding my financial standing and responsibility, I would refer you to:

The First National Bank, Humboldt, Illinois.

The First National Bank, Charleston, Illinois.

The National Bank of Mattoon, Mattoon, Illinois.

Bradstreet, and R. G. Dunn.

UNITED STATES OF AMERICA

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COMMEMORATING THE ACQUISITION OF THE LOUISIANA TERRITORY

THE INTERNATIONAL JURY OF AWARDS HAS CONFERRED A

☆☆☆☆☆ GOLD-MEDAL ☆☆☆☆☆

UPON

JAMES O. TOLAND

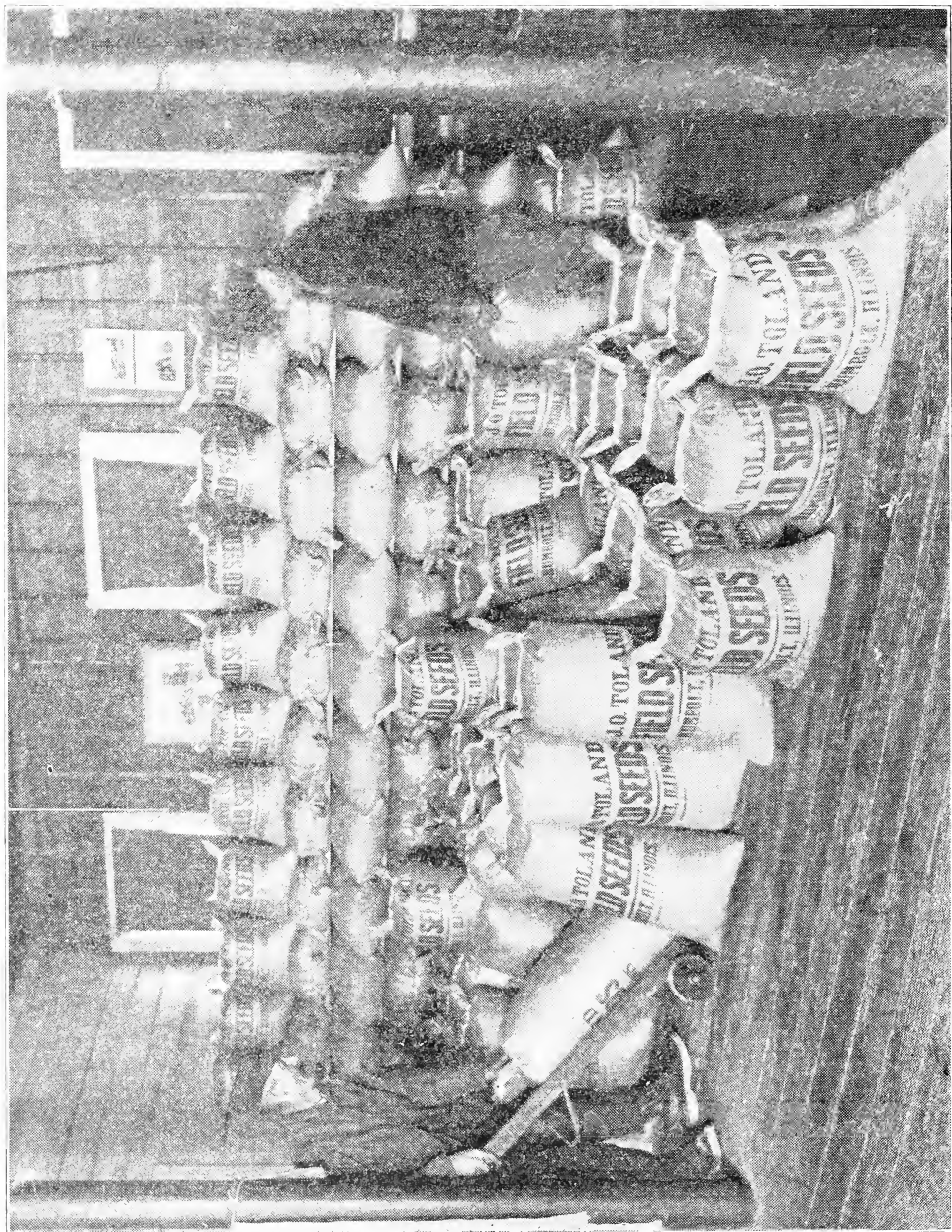
CORN



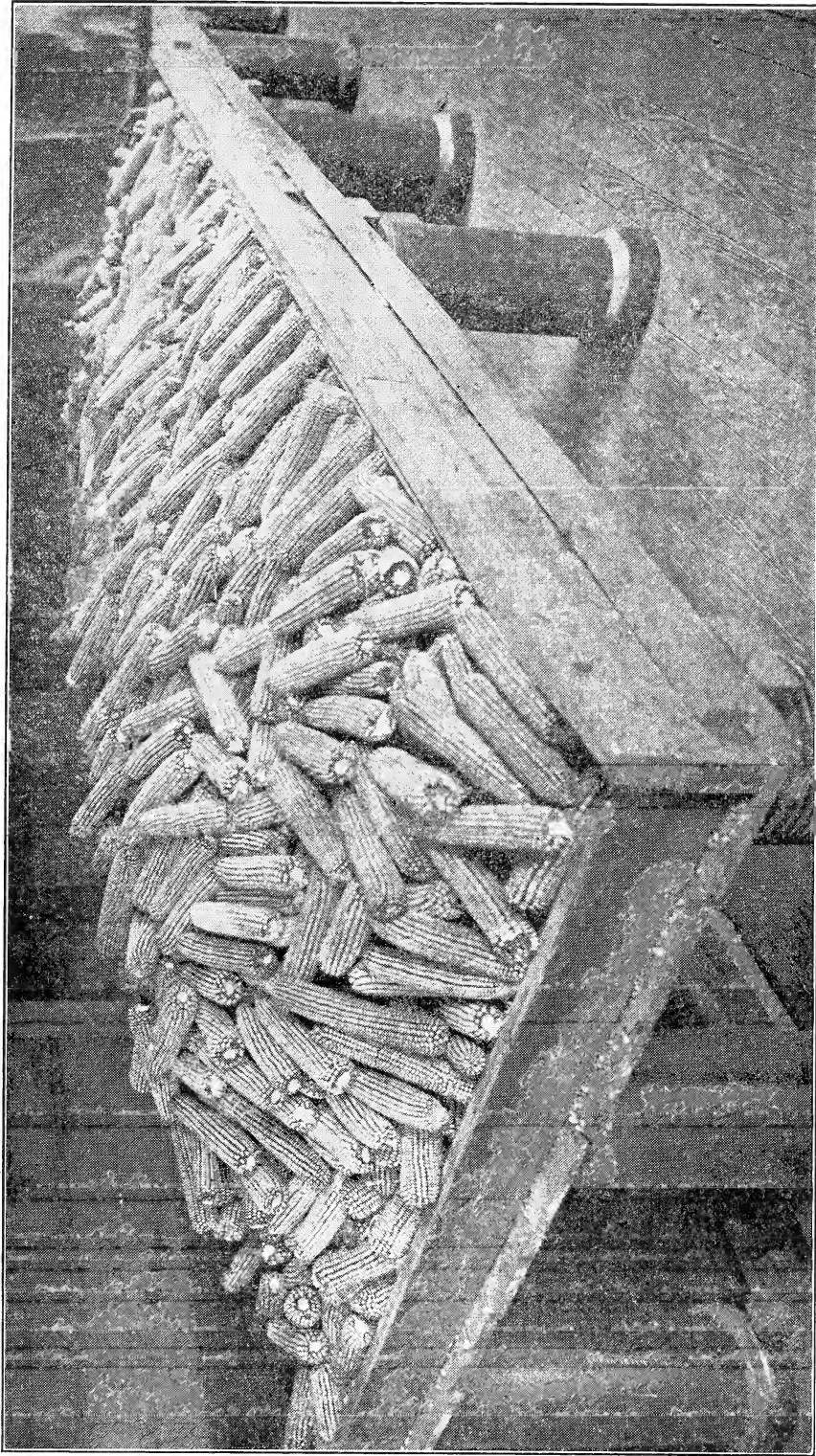
Toland's Improved Seed Corn

The greatest care is exercised in the cultivation and selection of my Seed Corn, which I give my personal attention from the time it is planted until it is shipped out. The windows are arranged in my Seed House that they can be opened on bright days and permit the sunshine and air to help absorb the moisture, and on cold, damp days the house is heated to prevent freezing and moisture. In this way the vitality of the seed cannot be destroyed.

The corn is all very carefully resorted before it is shipped.



VIEW OF COLES COUNTY SEED STORE WAREROOM.



REID'S YELLOW DENT SEED CORN

REID'S YELLOW DENT CORN

Reid's Yellow Dent is a medium early variety, a medium size ear with a bright yellow color, having a deep grain and very small red cob. It has from 18 to 22 rows of kernels, and cobs are nearer filled at both ends than any other variety. This variety is adapted to soil and climate conditions as far north as Iowa. And in recent years it is one of the most popular varieties, noted for its high yield and excellent feeding qualities. It has been truthfully said, that three-fourths of the Yellow corn planted in the Corn Belt was Reid's Yellow Dent. Price, per bushel, \$4.00; one-half bushel, \$2.25.

UTILITY TYPE

This corn is a strain of the Famous Reid's Yellow Dent, similar in color but the ears are smaller and runs to a smoother type. It will ripen about a week or ten days earlier than the Reid's, and is preferable for late planting. Price, per bushel, \$3.00; one-half bushel, \$1.75.

RED RIVER

I have some Red River seed corn to offer my customers. It has a large, handsome ear, and is desirable for late planting as it matures early. Price, per bushel, \$3.00; one-half bushel, \$1.75.

BROOM CORN CULTURE

Broom corn is a tropical plant adapted to hot, dry weather, much as sugar cane or sorghum. It is produced with good results on any good corn land. The quality of brush depends on the soil and climate, the best being raised in Central Illinois, Central Kansas and Oklahoma.

Preparation of the soil should have careful attention; all stalks and other field rubbish should be removed; the ground should be broken up as soon as the field is in proper condition; plow the same depth as for Indian corn or maize; let it stand until the ground is thoroughly warmed, usually about the 15th of May in Central Illinois, varying according to weather conditions and climate; then disc and give vigorous harrowing if it is rough and cloddy, roll until it is fine and well broken up. It should be in the same condition as soil for a seed bed for wheat. The seed should be thoroughly cleaned, using one bushel to 20 acres. Adjust the planter three feet wide and drill from 55 to 60 seeds to the rod in the row. It should be planted from one and one-half inches to two inches in depth. As soon as the little plants appear above the ground, it should be rolled if the surface is dry. When it is in such condition, the weeder should be used, which improves the soil and destroys the little weeds, but if the surface is damp, use the three-shovel cultivator.

Sheds must be made before the harvest begins. One built 24 by 48 feet will hold 30 acres of brush as it usually requires three acres for the ton. To build a shed, set posts in the ground and cover with shingles or any good roofing. Gable the ends but leave the sides open. The strips to support the shelves should be one by three inches, nailed three inches apart; this will make the shelves six inches apart.

The proper time to harvest it is when it is in full bloom; if harvesting is delayed the brush will retain a bad color. When the brush is in the condition as stated above, break it cross wise of the row making a complete table convenient to the cutter, the

stems should be six inches long after it is cut and laid on the table, laying off every third table for a drive table. Two men with a dump rack on the wagon, one on each side, drive through the field and gather the brush, laying the heads on the dump outward. Then draw it to the seeder and dump on convenient ground that it may be seeded. The seeding will require about 12 or 15 men. After the brush is seeded, it is spread on the shelves for drying. The condition of the brush governs the thickness of the layers, generally about three inches in depth. When it is well cured, which requires about ten days when the weather is favorable, it is ready to bale. By the use of the baler, it is made into neat bales weighing about 300 pounds.

References: Harriman Bros., Charleston, Ill.; Rider and Harry Harriman, Wichita, Kan.; A. H. Grunewald, Chicago. These men are all large dealers in Broom Corn with many years' experience.

TOLAND IS ONE OF THE LARGEST BROOM CORN SEED GROWERS IN THE WORLD, GROWING ONLY THE STANDARD VARIETIES. HE HAS MADE A SPECIALTY OF BROOM CORN SEED SINCE 1881, CLEANING ALL SEED AND PREPARING IT FOR PLANTING BEFORE SENDING OUT.

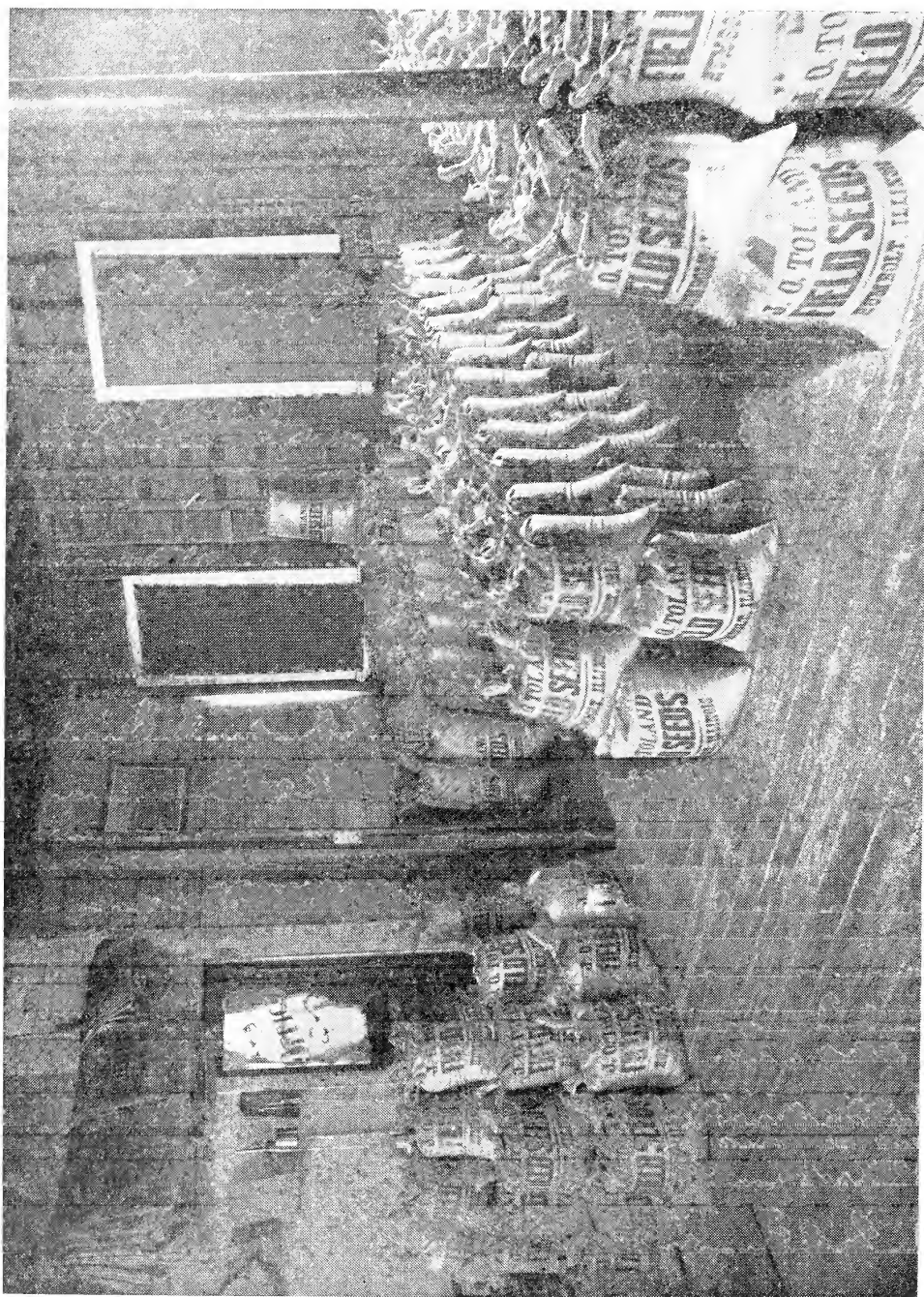


TOLAND TREATING SEED FOR SMUT

Toland has been experimenting with smut in broom corn for many years, but in the year 1902 he found the most satisfactory preparation which frees it almost entirely from smut. It has been brought to our notice that fields planted from inferior seed were full of smut, while a field adjoining, which was planted from our seed, remained free from smut, the other field having no effect upon it throughout the entire season. There is a great deal of misunderstanding as to how Toland treats his seed for smut. He uses three chemicals in liquid form. The seed is put in boxes and planted immediately, not even allowed to stand over noon. This entirely frees the broom corn seed from smut, and very little or any smut appears in the next crop. Occasionally there are some smut heads when it is planted in a field where there has been corn or oats which had smut in it.

COLES COUNTY SEED FARM

I am making a special price of \$5.00 per bushel for all orders of broom corn seed settled for by April first.



INTERIOR OF SEED STORE SHOWING WHERE AND HOW J. O. TOLAND'S BROOM CORN SEED IS PACKED

HUMBOLDT. ILLINOIS

AUSTRIAN BROOM CORN SEED

The introducing of the Austrian Broom Corn has been a question among the dealers and growers here. In the year of 1901, Mr. A. H. Grunewald of Chicago, sent me about one ounce of Austrian broom corn seed, requesting me to try it. I put the seed in water; about 100 sank to the bottom; these I planted, the rest being too weak to germinate. The 100 seeds produced about ninety stalks of broom corn. I did not treat this for smut, and when headed about one-third was smut. The brush and seed of six heads were very red; four dark, like sorghum, and five, where the brush knitted on the stem, curly and rough. The remaining were long, green heads, which averaged three and one-half feet in length.

I saved the seed from the good heads and treated it for smut the following year before planting. I planted eighty seeds to the rod, and had enough for one-fourth of an acre. This, when mature, was a great improvement over the preceding lot, most of it being nice, long green brush, free from smut with very few dark or red heads, and the length reduced about six inches. I selected from this plot the medium length, nice plump heads for seed. I continued to do this year after year, until I attained a nice, long, green, hurl brush, with an extra fine fibre.

After years of careful work and close attention, I have it strictly pure and giving excellent satisfaction. Some of the dealers and manufacturers claim it has meant millions to the trade. I have a very choice stock to offer this year, and will give all orders my prompt and careful attention. Price, per lb., 40 cents; one-fourth bushel, \$2.00; one-half bushel, \$3.50; one bushel, or 48 lbs., \$6.00.

TENNESSEE EVERGREEN

The most popular variety in the market is the Tennessee Evergreen. The seed was obtained from Tennessee, then bred and climated, thus making the brush of better quality. This variety is growing very popular and is recommended by different broom corn dealers and manufacturers. It is especially adapted to Western soil. Price, per lb., 40 cents; one-fourth bushel, \$2.00; one-half bushel, \$3.50; one bushel, \$6.00.

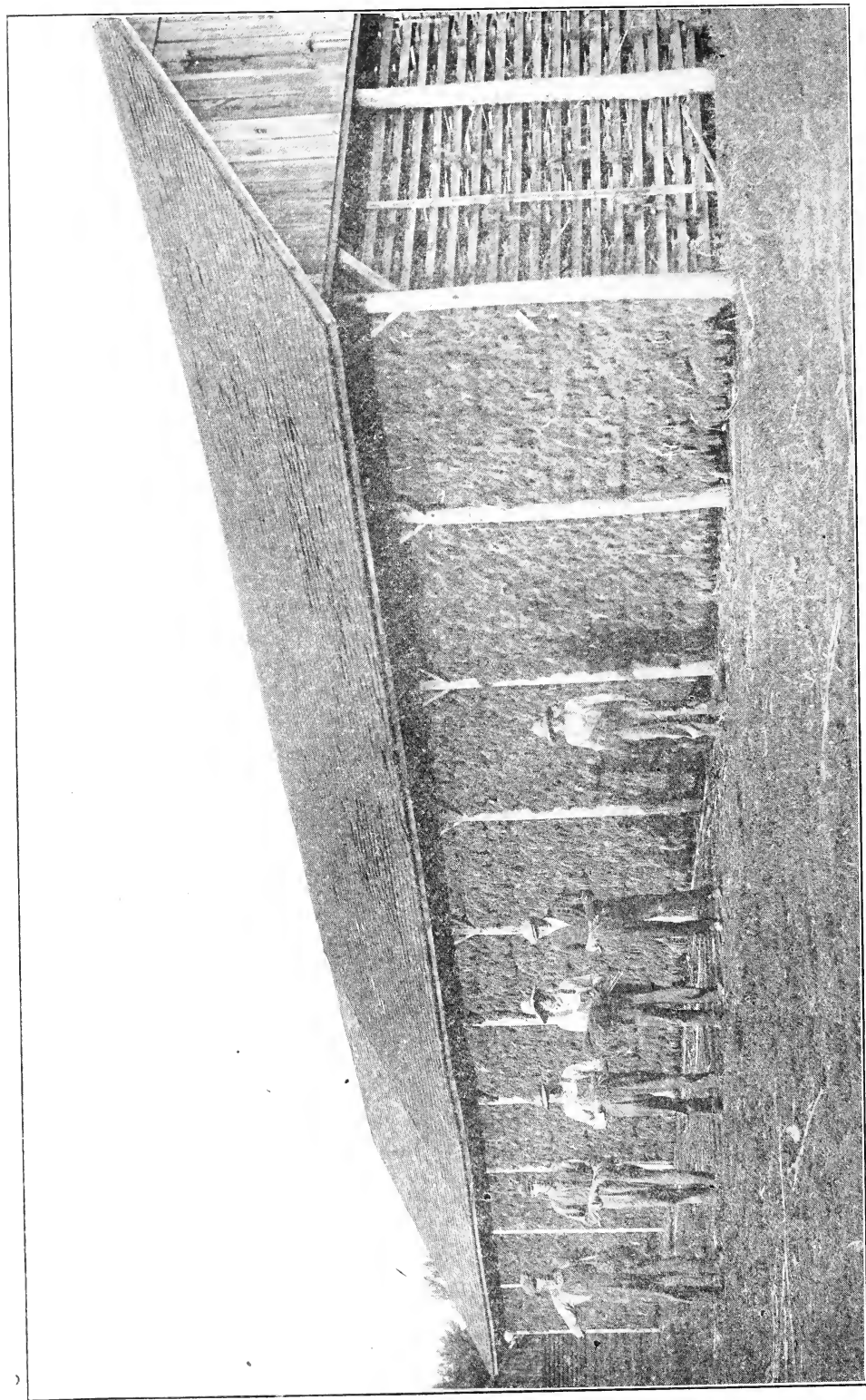
WHITE ITALIAN

White Italian Broom Corn is adapted to the various broom corn countries. It grows a good quality brush with a bushy, square top, and good length. Price, per lb., 40 cents; one-fourth bushel, \$2.00; one-half bushel, \$3.50; one bushel, \$6.00.

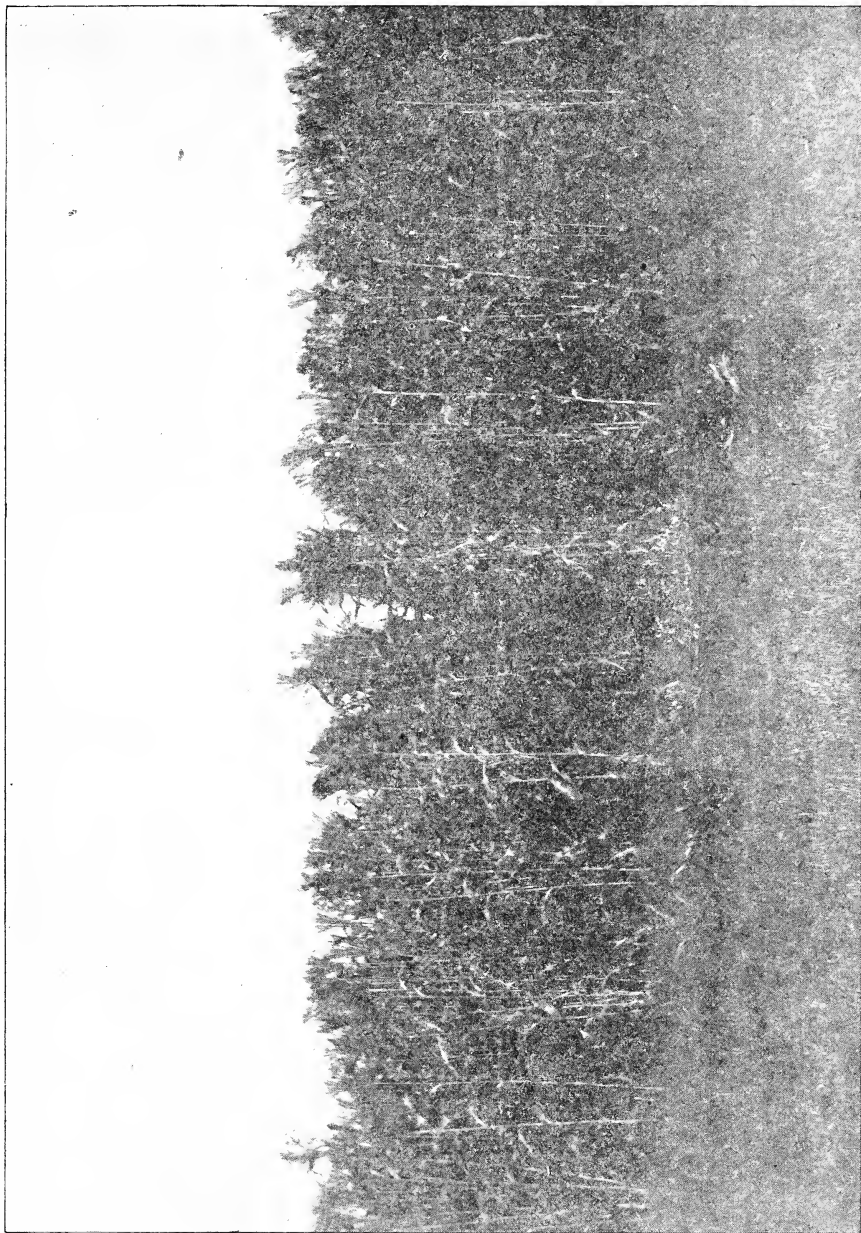
BLACK SPANISH OR JAPANESE

This variety of Broom Corn produces a fine quality of brush and has become very popular with the manufacturers, as it has a fine fibre and when harvested under proper conditions has a bright green color. It does not grow as tall as the Tennessee Evergreen, but matures from twelve to fifteen days earlier, and is preferable for late planting. The seed is a dark chocolate color. Price, per pound, 40c; one-fourth bushel, \$2.00; one-half bushel, \$3.50; one bushel, \$6.00.

Field Seed prices change constantly, so in order to give you the Best Seeds at the Lowest Possible Prices, ask that you write me stating exactly amount and variety you need, and I will send you samples and best prices by return mail.



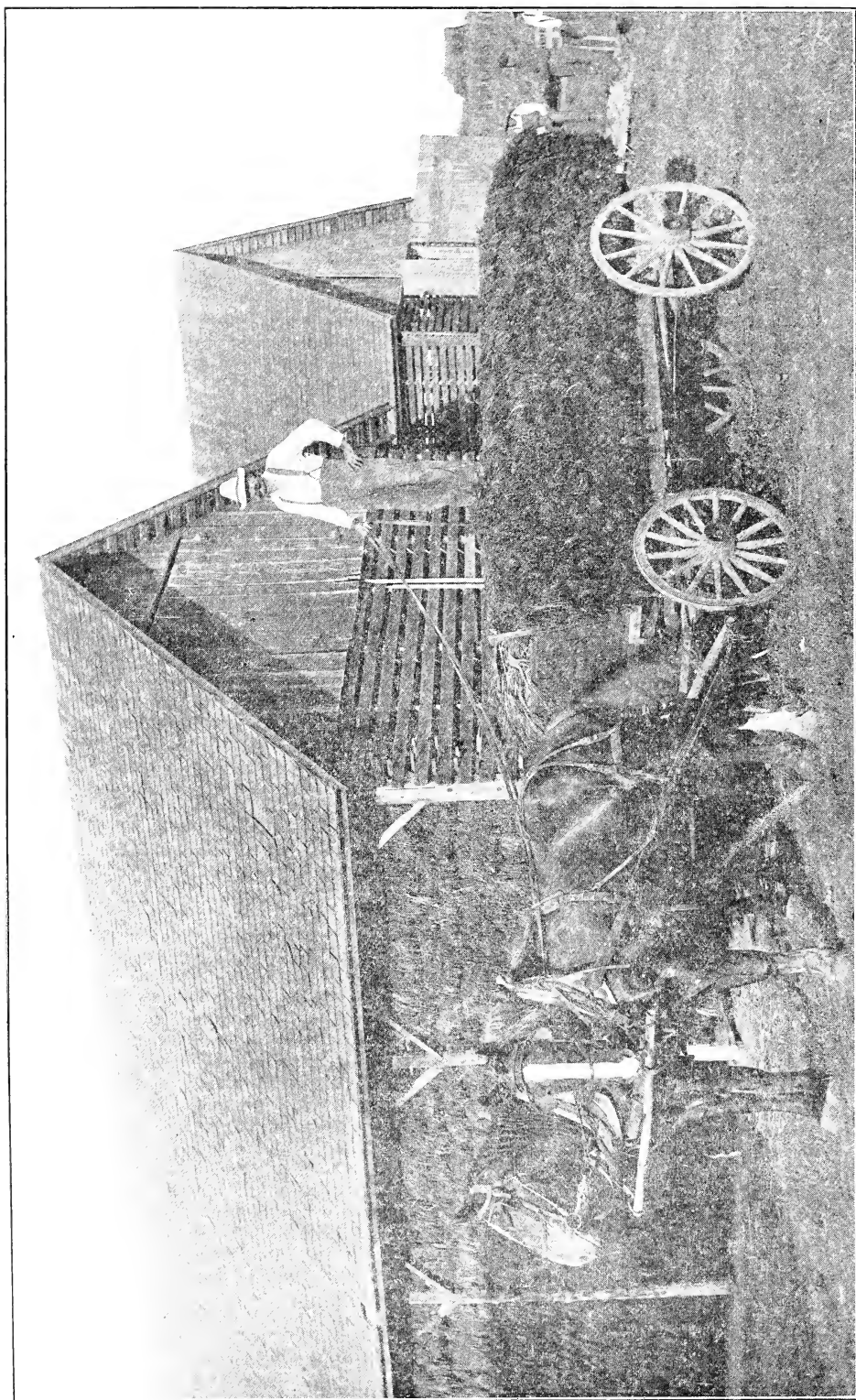
A SHED OF TENNESSEE EVERGREEN SHOWING HOW SEED IS SHELVED AND CURED BEFORE SEEDING



A FIELD OF TENNESSEE EVERGREEN BROOM CORN ON COLES COUNTY SEED FARM

BROOM CORN SEED

Broom Corn is one of the cheapest varieties of seed a farmer can plant. At the present price of my seed, \$6.00 per bushel, it will only cost twenty-nine cents per acre to plant J. O. Toland's High Bred Seed, which germinates 95 per cent. or better. This price is very, very low in comparison with other field seeds.



A SHED OF BLACK SPANISH BROOM CORN SEED ON COLES COUNTY SEED FARM

GRASS SEEDS

RED CLOVER

One of the most valuable of farm crops; is largely used for pasturage and hay and as an improver of the soil. Red Clover on good land will yield two cuttings a year. The first crop makes rich feed, and is the most valuable for hay. The roots penetrate deeply, drawing from the sub-soil, thus acting as a soil improver and not only increasing the productiveness of the land, but putting it in better condition than before. Clover, intelligently used, is the farmer's best friend, not only furnishing nutritious feed but restoring fertility to worn out lands. It is strongly to be recommended, however, that clover be used in a rotation of crops and not grown successively on the same fields. When sown by itself, sow one bushel to 8 acres. Prices fluctuate; will quote prices at any time upon request.

MAMMOTH CLOVER

This clover is claimed by many of our best farmers that it is "easier to get a catch" with Mammoth Clover than with any other variety. For hog pasture and hog fattener it has no equal, and is far superior to the Red Clover for fertilizer and does not freeze out so easily. Prices on application.

ALFALFA

All classes of stock are fond of it. The roots are long and grow very deep, frost cannot heave or throw them out in winter. One sowing will stand a number of years, and instead of improverishing the soil, it enriches it. Grows on thinnest, sandy soil and thrives on greatest drought. Prices on application.

ALSIKE

Unexcelled for hay and is a true perennial in producing a good crop the first year and every year thereafter, and the field improves each season. Highly valued also as a permanent pasture. It is hardy, even in northern Minnesota, and will produce a good crop in the low, wet land. It also adapts itself to high upland soils and withstands droughts well. Height, 18 to 24 inches, and half-round pink or flesh-colored heads. Seed is small. Prices on application.

SWEET CLOVER

On land too poor to grow a good crop of corn or almost any other paying crop if Sweet Clover is sown for a time, it can be brought into a condition for general use.

It is adapted to a wider variety of soils than any other clover. It is useful for pasture, forage, ensilage, bees and for plowing under to improve the land, as it is a nitrogen gatherer.

Prices on application.

TIMOTHY

Timothy makes one of the most popular, nutritious and salable of hay grasses. It is best adapted for sowing on clays or heavy loams, low lands, or in mountainous districts although it will do well on any good, stiff, loamy soil, provided the moisture is abundant.

The stand of timothy will be injured if grazed or cut too closely. The yield of hay on good ground is from one and one-half to three tons per acre. The practice of sowing common red clover with timothy is not advisable, as they do not ripen together, the clover being ready two or three weeks before the timothy, thus either one or the other must be cut at a stage which will not give the best results.

Timothy sown by itself requires to be sown at a rate of one bushel to six acres. Prices on application.

Prices Subject to Market Fluctuations

BLUE GRASS SEED

EXTRA FANCY KENTUCKY

An excellent pasturage and lawn grass, succeeding best on limestone land but does well on stiff or clay and medium soils. It is rather sensitive to heat but not to cold and on this account does best in the fall, winter or spring. It grows slowly at first, forms a very compact turf, making a very fine pasturage when once established. Prices on application.

SEED OATS

IOWA 103

Iowa 103 is an early maturing variety and is now considered the leading early oat in this part of Illinois.

Iowa 103 does well on thin soils and your chance of finding that it will outyield any other variety of early oats on any kind of soil is very good. It has also proven to be excellent as a nurse crop with which to seed clover or alfalfa.

Price per bushel, 70 cents.

SILVERMINE

A very popular variety. A fine white oats, perfect in growth and yield, well adapted to the different soils and climates. Produces a stiff straw. The grain is heavy, plump and has a very thin hull. Very valuable for feeding purposes. Silvermine oats are so well and favorably known, there is no need of further explanation. Price, per bushel of 32 pounds, 70 cents.

Extra charge for bags with oats, 30 cents each. These bags will hold five bushels each.

SORGHUM SEED

Many leading feeders of Illinois regard sorghum as the best of all fodder plant. It can be easily grown on any good common ground, is sweet and tender and makes a splendid feed for cattle, horses and hogs. It also makes a splendid mixture for ensilage. The Early Amber is the best variety and the most used. Market price.

WHITE KAFFIR CORN

The great value of this crop has long been appreciated in the West and it is today grown on the largest scale in the Western States. It makes a large growth of forage, and is also particularly valuable on account of its yield of grain, which makes most nutritious feed for feeding to all kinds of stock and poultry. Prices on application.

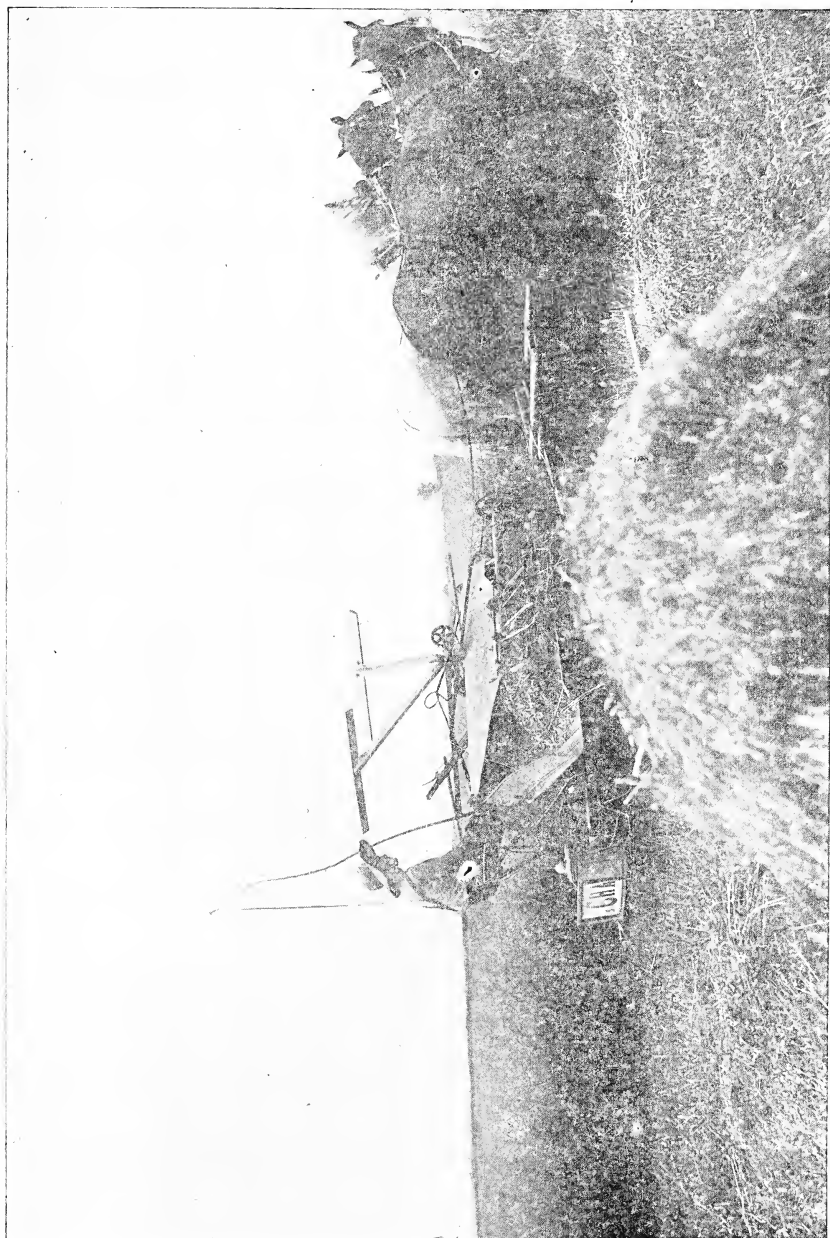
DWARF ESSEX RAPE SEED

A very quick growing variety of rape which makes excellent grazing for stock. It can be sown at any season of the year, but it is not quite so satisfactory to use in midsummer as in the cooler months of the year. It may be sown broadcast at the rate of 8 pounds per acre and raked in, or in drills fifteen inches apart, when 4 to 5 pounds will be sufficient. It will be ready to use eight weeks from planting if the weather is favorable. It will be found a cheap, effective food. Prices on application.

RYE

Rye and Dwarf Essex Rape sown together makes a fine early pasture. Sow as soon as the ground is warm in the spring. Excellent for young calves and pigs. It is also fine for other stock. Sow one bushel rye and six pounds rape per acre. Prices on application.

Prices Subject to Market Fluctuations



OAT FIELD ON COLES COUNTY SEED FARM

GERMAN MILLET

The true millet, when properly grown and handled, makes an enormous yield and without impoverishing the soil to any great extent. To get these results, however, German Millet must be sown thickly, one bushel to the acre, and the crop cut while in bloom, before the seed hardens in the head. Sow when the weather gets warm in May, or any time during the summer until the 1st of July.

German Millet which is to be used for seed purposes should be drilled about ten or twelve pounds to the acre.

The seed which I have to offer was grown from Tennessee Cultivated German millet seed. Will send samples and prices on application.



A FIELD OF SOJA BEANS ON THE COLES COUNTY SEED FARM

SOJA BEANS—MANCHUR

This valuable forage plant has attracted increasing attention yearly. It is unquestionably the richest and most nutritious forage and feed crop grown, making the "Balanced Feed" for hogs, dairy cows and fattening stock. It also makes a splendid soil improver and is unequaled as a drought resisting crop.

When sown broadcast for forage and soil improving crop, the soja beans should be sown at the rate of one bushel to the acre. Sowing them thickly will prevent the stalk from getting too coarse and enable them to be cut and turned under to better advantage. Sowing for ensilage, it is better to sow in drills with corn at the rate of about one peck to the acre, and cultivated. Or they may be sown by themselves in drills three feet apart at the rate of one to one and one-half pecks to the acre and cultivated. They will make the largest yield of beans in this way. Prices on application.



YOUNGEST MEMBER OF COLES COUNTY SEED FARM.

SWEET CORN—Standard Varieties

YEAGER'S GOLDEN SUNSHINE

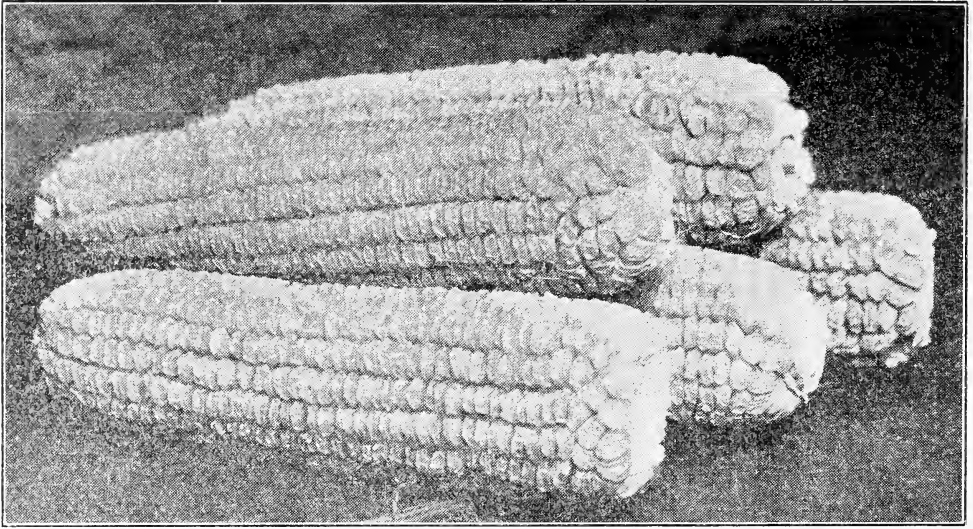
The earliest of all Yellow Sugar Corn and the finest quality for market, home or canning. Three to ten days ahead of Golden Bantam and much larger. Ears six to eight inches long, generally 12 rows of kernels to a cob. Stalk grows 5½ feet tall. Packet, 10 cts.; ½ lb., 25 cts.; lb., 40 cts.

GOLDEN BANTAM

A very early Sweet Corn with golden grain, very tender and of excellent quality. The flavor is exceptionally rich and delicious. This is one of the best early varieties for table use. Price, 10 cts. pkt.; 17 cts. ½ lb.; 30 cts. lb.

COUNTRY GENTLEMAN

This variety has a small white cob, densely covered with irregular rows of very long slender white grains, which are of excellent quality. Stalks are from six and one-half to seven feet in height. By many it is regarded as the best of the late varieties, and fine for canning purposes. Price, 10 cts. pkt.; 20 cts. ½ lb.; 30 cts. lb.



STOWELL'S LARGE EVERGREEN

Stowell's Evergreen is the best variety of sweet corn for any purpose. It is large eared, productive and remains in a suitable condition for cooking purposes a long while. It is especially fine for feeding young hogs for the market. It matures in about ninety days, and is ready to use earlier than the ordinary field corn. It is very closely jointed, has large, broad blades, grows about 7 feet high, and affords an abundance of ensilage, which is much better than Indian corn.

Price, 10 cts. pkt.; 15 cts. $\frac{1}{2}$ lb.; 30 cts. lb.

POP CORN

WHITE RICE

The finest variety in existence belongs to the rice family. The best yielder, and far in advance of any other variety, ears averaging six inches in length. Beautiful shape; the best popper.

Price, 25 cts. per lb.; 15 cts. per $\frac{1}{2}$ lb.; pkt., 10 cts.

QUEEN'S GOLDEN

One of the very best varieties grown. Its quality and handsome appearance when popped are very noticeable. It pops perfectly white, and a single kernel will expand to a diameter of nearly one inch. The stalks grow six feet high, and the large ears are produced in abundance.

Price, 25 cts. per lb.; 15 cts. per $\frac{1}{2}$ lb.; pkt., 10 cts.

BUSH BEANS—Green Pod Varieties

GREEN POD

EARLY IMPROVED RED VALENTINE

Hardy, pods light green, and semi-transparent, round and slightly curved. Succulent, prolific, and quite free from strings, continuing long in an edible condition, 46 days from planting to first picking. Price, 10 cts. pkt.; 20 cts. $\frac{1}{2}$ lb.; 35 cts. lb.

RED KIDNEY

This is a well known shell bean, fine for baking purposes.

Price, 10 cts. pkt.; 20 cts. $\frac{1}{2}$ lb.; 35 cts. lb.

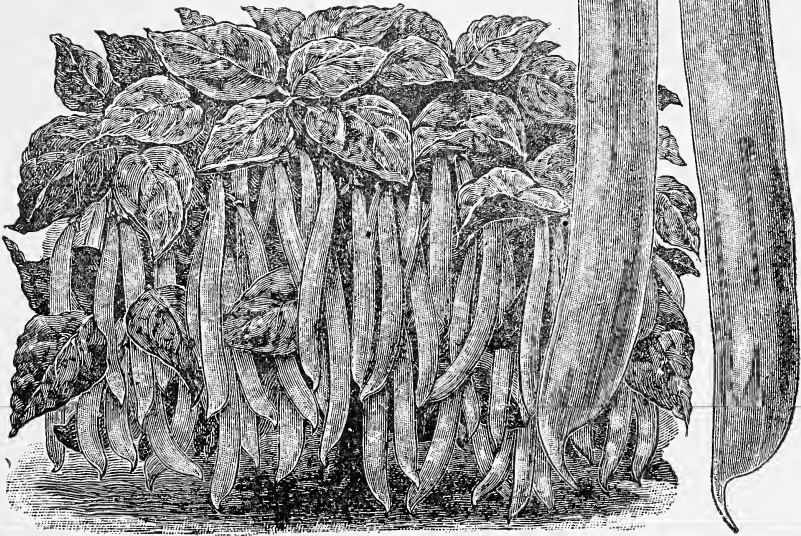
BURPEE'S STRINGLESS GREEN POD

A Round, Green-Podded Bush Bean

A Prolific and Continuous Bearer, The First in Spring—the Last in Fall. Absolutely Stringless—Very Tender and of Delicious Flavor.

Absolutely the best Early Stringless Round Podded Green Snap Bean for market or home use. Extremely early, very productive, unusually hardy, handsome appearance, entirely stringless, finest quality, dwarf bushy variety, bearing immense quantities of long, thick fleshed round pods. Excellent for spring, summer or fall planting.

Price, 10 cts. pkt.; 20 cts. $\frac{1}{2}$ lb.; 35 cts. lb.



Stringless Green Pod

BUSH BEANS—Wax Pod Varieties

Wardwell's Kidney Beans

Most profitable market gardener's shipping bean. This bean is entirely distinct from that of all other wax varieties; perfect kidney shape. Most prolific variety; one of the earliest and most hardy. Pods long, flat, waxy, yellow, brittle and stringless. Desirable for every climate. Can be grown with great profit in the South for early shipment North. Price 10 cts. pkt.; 20 cts. $\frac{1}{2}$ lb.; 35 cts. lb.

DAVIS WHITE WAX—A VERY HARDY AND PRODUCTIVE VARIETY

Desirable where a wax-podded, white seeded midseason sort is wanted. Vines very vigorous. Pods invariably long, light yellow, straight and handsome, and when young are crisp and tender. Seeds medium large, kidney shaped, clear white and excellent for baking. Price, 10 cts. pkt.; 20 cts. $\frac{1}{2}$ lb.; 35 cts. lb.

Prices Subject to Market Fluctuations

GERMAN BLACK WAX

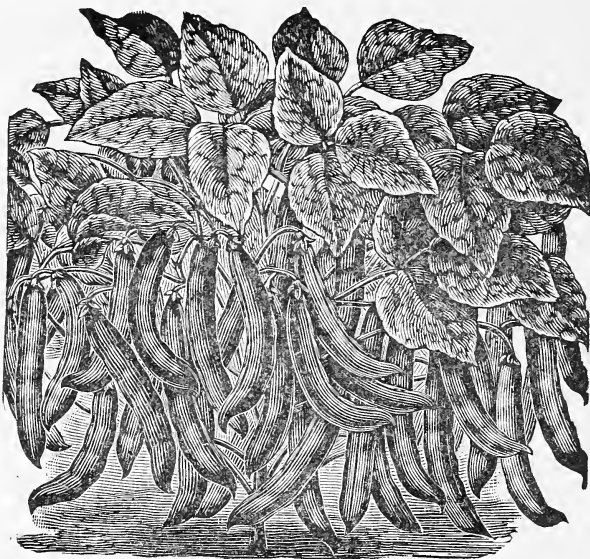
The old standard Black Wax Bush Bean. It is so good that it is worthy of special notice. The pods are round, brittle, of handsome golden yellow color, and of buttery flavor when cooked.

Price, 10 cts. pkt.; 20 cts. $\frac{1}{2}$ lb.; 35 cts. lb.

IMPROVED GOLDEN WAX

Rust proof, an improvement on the old style Golden Wax. Pod is semi-round, yellow, of good quality and has no string. Ready for picking 47 days from planting.

Price, 10 cts. pkt.; 20 cts. $\frac{1}{2}$ lb.; 35 cts. lb.



Improved Golden Wax

POLE BEANS

LAZY WIFE

Enormous Productive—Excellent Quality

The pods are produced in great abundance and measure 6 inches in length. They are broad and thick, fleshy and entirely stringless. The pods retain their rich, tender, and stringless qualities until nearly ripe, and at all stages are peculiarly luscious. Each pod contains from 6 to 8 round white beans, which make excellent winter shell beans.

Price, 10 cts. pkt.; 25 cts. $\frac{1}{2}$ lb.; 40 cts. lb.

RED SPECKLED CUT SHORT, OR CORN HILL

Very popular in the central and southern states for planting among corn and it will give a good crop without the use of poles. Vines medium sized, pods short, fleshy, and of good quality. Prices, 10 cts. pkt.; 20 cts. $\frac{1}{2}$ lb.; 35 cts. lb.

KENTUCKY WONDER OR OLD HOMESTEAD

This splendid variety has vigorous vines, climbing well and very productive, bearing its pods in large clusters; blossoms white, pods even; very long, often reaching 9 to 10 inches, nearly round when young, and very crisp, continuing in use for an extended season. Price, 10 cts. pkt.; 25 cts. $\frac{1}{2}$ lb.; 40 cts. lb.

WHITE CREASEBACK

Valuable for its extreme earliness and its habit of ripening all of its pods within a short time. Wonderfully prolific, bearing round, fleshy pods in clusters of from four to twelve. Best quality as snaps. Price 10 cts. pkt.; 20 cts. $\frac{1}{2}$ lb.; 35 cts. lb.

DWARF LIMA VARIETIES

BURPEE'S BUSH LIMA

A bush form of the true Large White Lima and of equally good quality. Plants uniformly dwarf, but enormously productive. Pods as large as those of the pole variety and contains from three to five very large, flat beans of the best quality. Price, 10 cts. pkt.; 25 cts. $\frac{1}{2}$ lb.; 40 cts. lb.

POLE LIMA BEANS

KING OF THE GARDEN LIMA

The old standard market and family sort. The vines begin to produce pods at the foot of the pole, and the bearing season continues until frost. Pods large and well filled with white beans of mammoth size. On account of its large pods it is a favorite with market gardeners. Price, 10 cts. pkt.; 25 cts. $\frac{1}{2}$ lb.; 40 cts. lb.

NAVY BEANS

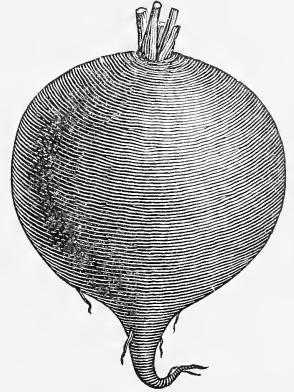
Select White Navy Beans. Price, 10 cts. pkt.; 17 cts., $\frac{1}{2}$ lb.; 30 cts. lb.

TABLE BEETS

DETROIT DARK RED TURNIP

Very valuable for canning, making a strikingly handsome product, much superior to that obtained from any other variety. Flesh bright red, zoned with a darker shade; very crisp, tender and sweet and remaining so for a long time. Price, 5 cts. pkt.; 12 cts. oz.; 30 cts. $\frac{1}{4}$ lb.

Long Smooth Dark Blood. The standard long late sort. Very dark, blood-red flesh, quality fine. Price, 5 cts. pkt.; 12 cts. oz.; 25 cts. $\frac{1}{4}$ lb.



Detroit Dark Blood

CROSBY'S EGYPTIAN BEET

The name of this variety is misleading, as it resembles the Egyptian only in its extreme earliness. They are also more spherical than the Extra Early Egyptian and we think of better quality. One of the best for early planting out of doors. Price, 5 cts. pkt.; 12 cts. oz.; 30 cts. $\frac{1}{4}$ lb.

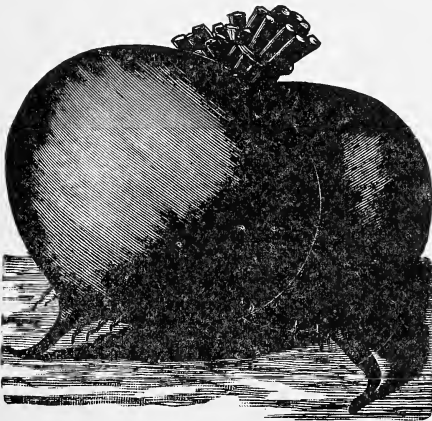
HALF LONG BLOOD

One of the best for winter use. The roots are only half as long as the Long Blood, but weigh as much on account of their thickness. They are always smooth and handsome, and their rich, dark flesh is very sweet, crisp and tender, never becoming woody, even in the exposed portions. Price, 5 cts. pkt.; 12 cts. oz.; 30 cts. $\frac{1}{4}$ lb.

EARLY ECLIPSE

The Popular Beet for Early Use

Tops small, dark purplish green. Roots nearly globular, with a small tap root and collar. A splendid variety. Flesh dark red, zoned with lighter red; sweet, crisp and tender. Price, 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.



Early Eclipse

EARLY BLOOD TURNIP IMPROVED

A Good Standard Early Beet

A round, smooth variety; very early, vigorous grower; with small top and of bright red color. Price, 5 cts. pkt.; 10 cts. oz.; 25 cts. 1/4 lb.

CELERY

GOLDEN SELF-BLANCHING, AMERICAN STOCK.

The best self-blanching sort. It acquires a handsome golden color without having to be hilled up, which makes it a valuable market sort. Price, 10 cts. pkt.

WHITE PLUME

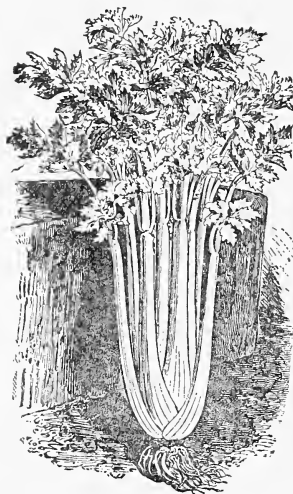
A good self-blanching sort, good for fall use, but does not keep well. Price, 10 cts. pkt.

GIANT GOLDEN HEART

A fine long keeping golden dwarf celery. The heart is large, surrounded by a shapely solid stalk. After storing, the heart blanches a beautiful golden, is unsurpassed in quality and is so large that little trimming is required for market. In many Celery-growing sections this variety is planted most exclusively. Price, 10 cts. pkt.

GIANT PASCAL

This is a green leaved variety, is an excellent sort for fall and winter use. It blanches to a beautiful yellowish-white color, is very solid and crisp and of a fine nutty flavor. Price 10 cts. pkt.



Golden Self-Blanching

CARROTS

OX HEART OR GUERANDE

Early, Handsome; Ready Seller

Tops small for the size of the roots, which are comparatively short, but often reach a diameter of 5 inches, terminating abruptly in a small tap root. Flesh bright orange, fine grained and sweet. A splendid variety. This is a desirable variety for soil so hard and stiff that longer growing sorts would not thrive in it. When young, excellent for table use, and when matured equally good for stock. Price, 5 cts. pkt.; 10 cts. oz.

EARLY SCARLET OR SHORT HORN

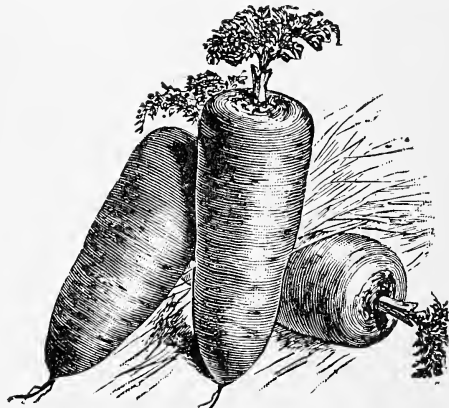
Tender and Delicious

A favorite for early crop. Color deep beautiful orange; has a short, stump-shaped root, large at top, therefore easily pulled. Price, 5 cts. pkt.; 10 cts. oz.

DANVERS

Grown largely on account of its great productiveness and adaptability to all classes of soil. Tops medium sized, coarsely divided.

The smooth and handsome roots are deep orange, of medium length, tapering uniformly to a blunt point; flesh sweet, crisp and tender and of a deep orange color. This is a popular field variety, and although the roots are shorter, they produce as large a bulk as the longer field sorts and are more easily harvested. Price, 5 cts. pkt.; 10 cts. oz.



Danvers Carrots



Chantenay

CHANTENAY

Tops medium size; necks small; roots tapering slightly, but uniformly stump-rooted and smooth; color, deep orange; flesh very crisp and tender. Although this is a medium early sort, it furnishes roots of usable size as early as any, is a heavy cropper, and is undoubtedly one of the best for both the market and private garden, while its productiveness makes it desirable as a field sort. Price, 5 cts. pkt.; 10 cts. oz.

IMPROVED LONG ORANGE

The Best Keeper

The most popular of the older sorts for farm use on mellow soil. Roots proportionately shorter than the Long Orange and smoother. Price, 5 cts. pkt.; 10 cts. oz.

CAULIFLOWER

LEONARD'S EARLY SNOWBALL

Certainly a fine variety, great favorite and standard throughout the country; very early, close growing, of compact habit; it is well adapted for forcing under glass during winter and spring. The heads are large. For early and late planting, for the family or the market garden this variety can be depended upon for excellent results. Price, 15 cts. pkt.

AUTUMN GIANT

A late variety adapted for growing in the fall. Will do well under favorable conditions. Price, 10 cts. pkt.

DANISH DRY WEATHER

Where the more delicate bred varieties would succumb to unfavorable warm weather conditions, this sort is very desirable. Price, 15 cts. pkt.

CUCUMBER

DAVIS PERFECT

The shape is ideal. It is almost seedless one-third of its length from the stem, and the few seeds that are contained in its blossom end when in eating condition are so small and tender that they are hardly noticeable. Price, 5 cts. pkt.; 10 cts. oz.

CHICAGO PICKLE, WESTERFIELD'S LEONARD'S STRAIN

Fruit medium length, pointed at each end, with large and prominent spines. Color a deep green. It combines all the good qualities of an early cucumber. Price, 5 cts. pkt.; 10 cts. oz.

Prices Subject to Market Fluctuations



IMPROVED LONG GREEN

Recommended to all who put up their own pickles. Vines vigorous and productive, forming fruit fit for the table nearly as early as the shorter sorts; fruit grows long, firm and crisp. When matured is sometimes used for making sweet pickles. Price, 5 cts. pkt.; 15 cts. oz.

EARLY CLUSTER

Fruit is of the form desirable for pickling; often growing in cluster of two or three Cucumbers. If the fruit is kept closely gathered, the vines will continue bearing. Price, 5 cts. pkt.; 10 cts. oz.

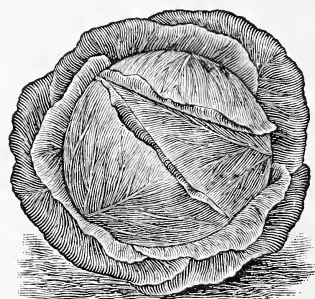
ARLINGTON'S WHITE SPINE

This is a very early pickle extremely productive; quite hardy and retains its light green color after it has been pickled. Delicious flavor and unusually tender and crisp. Superior for pickling purposes. Price, 5 cts. pkt.; 10 cts. oz.

CABBAGE

ALL-HEAD EARLY

Makes a deep, flat head, solid and uniform in color, shape and size. In tenderness it is unsurpassed. Can be grown either for summer or winter use. By reason of its compactness it can be planted close and will yield more heads to the acre than varieties of a more spreading habit. Price, 5 cts. pkt.; 20 cts. oz.



All-Head Early

EARLY WINNINGSTADT

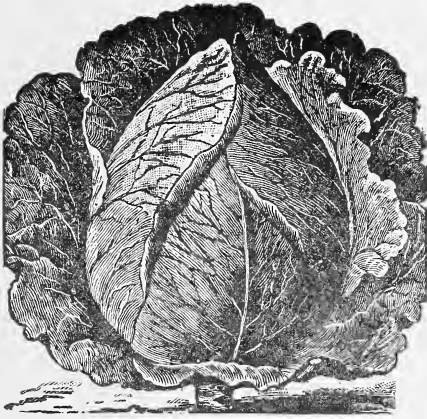
An early pointed head variety of excellent quality not as early as the Wakefield but larger. Price 5 cts. pkt.; 20 cts. oz.

COPENHAGEN MARKET

Very popular with Market Gardeners

The heads are hard and solid with small core. The quality is extra fine and sweet. It is a short stemmed variety, the heads nearly resting on the ground. The leaves are light green, rather small, saucer-shaped, tightly folded, making it possible to set them close together in the field. Price, 5 cts. pkt.; 20 cts. oz.

Prices Subject to Market Fluctuations



Early Jersey Wakefield

Wakefield. Yields one-third more than the early pointed heads. Solid, uniform and finely grained heads. Stem is short and extends but little into the head. Price, 5 cts. pkt.; 25 cts. oz.

EARLY DWARF FLAT DUTCH

An early cabbage of good size. Heads are flat and very solid. Price, 5 cts. pkt.; 20 cts. oz.

EARLY JERSEY WAKEFIELD CABBAGE

The most popular of the pointed head varieties. Exceedingly early, a good cropper, heads of good size, solid and uniform. Price, 5 cts. pkt.; 20 cts. oz.

EARLY SPRING CABBAGE

The earliest flat head, as early as Jersey

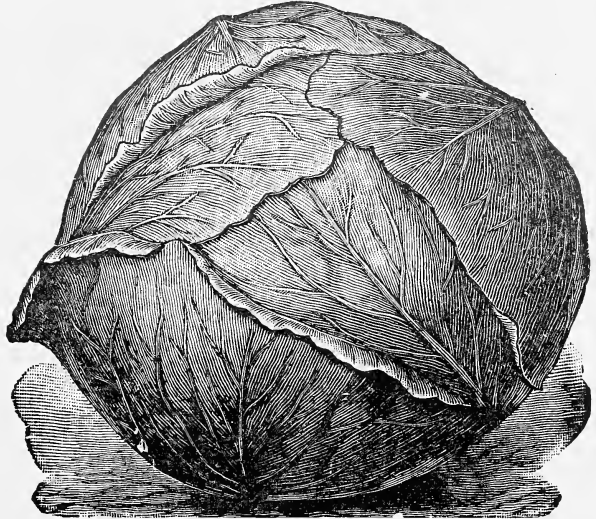
HENDERSON'S EARLY SUMMER

Standard Mid-Summer Variety

This variety is deservedly popular with the market gardeners. It forms large, solid, round, flattened, compact heads of excellent quality. The heads average more than double the size of the Jersey Wakefield, while it matures only ten to twelve days later. Price, 5 cts. pkt.; 20 cts. oz.

PREMIUM FLAT DUTCH

This variety of late cabbage is a standard in all sections for winter use. It makes a large solid head which keeps long without bursting, and is adapted to varied climates. Price, 5 cts. pkt.; 20 cts. oz.



Premium Flat Dutch

IMPORTED STOCK—DANISH BALLHEAD CABBAGE

It is hard heading, and long keeping cabbage. Heads round as a ball, solid, fine grained, has few outer leaves, tender, crisp and of unexcelled flavor. Price, 10 cts. pkt.; 25 cts. oz.

Prices Subject to Market Fluctuations

GARDEN SPECIALTIES

EGG PLANT

LEONARD'S IMPROVED NEW YORK PURPLE

Very large and smooth, fine dark color. Ours is the spineless plant, most preferred by our market gardeners, both east and west. Price, 10 cts. pkt.

EARLY LONG PURPLE

Early, hardy and productive; excellent for the table. Price, 10 cts. pkt.

KALE

Dwarf Curled Scotch. Plant low and compact, but with large, bright, deep green leaves, curled, cut and crimped until the whole plant resembles a bunch of moss. One of the best sorts for use, and when well grown and cooked is one of the most palatable of vegetables. Pkt. 5 cts.

ENDIVE

Green Curled. Beautifully curled, tender and crisp. Pkt. 5 cts.

KOHL-RABI

EARLY WHITE VIENNA FORCING

An extra early variety ready for table seventy-five to eighty days after planting. Has very few short leaves, and the bulbs are very sweet and tender when two and one-half to three inches in diameter. Price, 10 cts. pkt.

EARLY PURPLE VIENNA FORCING

Bluish purple similar to above, except in color. Price, 10 cts. pkt.

OKRA OR GUMBO

CULTURE

The pods of this plant are used in a great number of ways throughout the Southern States, and the plant should be more frequently grown in the north. Plant at corn planting time in rich land, sowing the seed thickly in two or three foot drills, and thinning to an eight to twelve inch stand, according to varieties. A generous planting is two ounces to one hundred feet and ten pounds to the acre. Okra seed may be planted six seeds to the hill, two to three feet apart and thinned to two plants to the hill.

PERKINS MAMMOTH LONG POD

The pods are produced in great abundance and average longer than other sorts. Price, 5 cts. pkt.

PARSLEY

DOUBLE CURLED

The standard sort for outdoor culture, also highly prized by market gardeners for the greenhouse. Price, 5 cts. pkt.

CHAMPION MOSS CURLED

A very fine curled variety. One of the handsomest for garnishing purposes. The exceedingly curved leaves make it desirable. Price, 5 cts. pkt.

RUTABAGAS

IMPROVED AMERICAN PURPLE TOP

The best yellow fleshed, purple top variety grown for stock or table. Price, 5 cts. pkt.

WHITE RUTABAGA

This variety is now very extensively cultivated, and preferred in many sections for its white flesh. It is very hardy and productive, keeps well until late in the spring, and is highly esteemed for its sweet, delicate flavor. Price, 5 cts. pkt.

SALSIFY OR VEGETABLE OYSTER

The long, white tapering root of salsify resembles a small parsnip, and when cooked is a good substitute for oysters, having a similar flavor.

MAMMOTH SANDWICH ISLAND

This is in every way superior to the Large White, being larger, stronger growing and less liable to branch. Price, 10 cts. pkt.

SPINACH

ROUND LEAVED

This variety is generally preferred in the North for early spring sowing, and is the favorite with market gardeners. The leaves are large, thick and fleshy. It stands the winter very well. Price, 5 cts. pkt.

SAVOY LEAVED BLOOMSDALE

The earliest variety and one of the best to plant in autumn for early spring use. Plant of upright growth, with narrow, pointed leaves, which are curled like those of the Savoy cabbage. It grows quickly to a suitable size for use, but soon runs to seed. Price, 5 cts. pkt.

LONG STANDING

An improved, round seeded strain of excellent merit, having all the good qualities of other sorts and continuing in condition for use much longer. The leaves are smooth and very dark, rich green. Very popular with market gardeners. Price, 5 cts. pkt.

SWISS CHARD

(Summer Spinach)

LUCULLUS

This grand new and distinct variety is a great acquisition. The stalks are as thick and broad as Rhubarb. The plants grow to a height of from 2 to 2½ feet, and stalks are from 10 to 12 inches and 1½ inches broad. Price, 5 cts. pkt.; 10 cts. oz.

LETTUCE

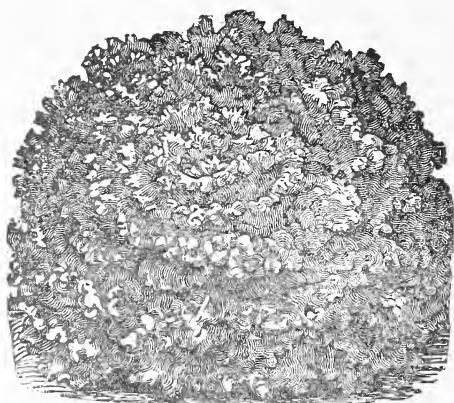
NEW YORK OR WONDERFUL

One of the very best of the curled or crisp heading varieties. The head, at first pointed or conical, becomes globular at maturity and is of medium large size, dark green in color and slightly curled on edges. Heads are very hard and well blanched. Quality is excellent, being sweet yet never buttery in flavor. Price, 5 cts. pkt.; 20 cts. oz.

BLACK SEEDED SIMPSON

This is the most popular early sort on the market. Forms large, loose heads. Leaves thin and exceedingly tender, of light green to golden yellow. Best sort for forcing or outdoor early planting. Price, 5 cts. pkt.; 10 cts. oz.

Prices Subject to Market Fluctuations



Black Seeded Simpson

EARLY CURLED SIMPSON WHITE SEED

Forms a close, compact mass of curly yellowish green leaves. Good for cold frames or early planting for outdoors. Price, 5 cts. pkt.; 10 cts. oz.

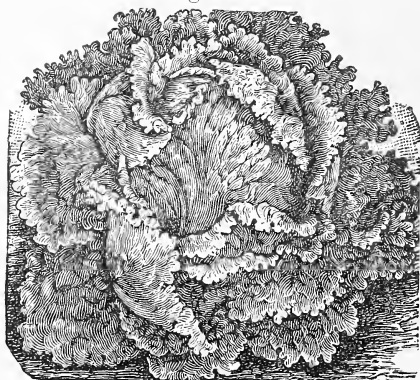
PRIZE HEAD

The leaves are very large, crimped, bright green tinged with brownish-red and are exceedingly tender, crisp and sweet. Price 5 cts. pkt.; 10 cts. oz.

IMPROVED HANSON

Its table quality is perfection itself, having a sweet, rich flavor, and its ability to remain a long time in edible condition is one of its leading characteristics. It forms immense heads, if good cultivation is given.

It is an outdoor Lettuce ONLY, and may be planted from the earliest Spring to late in the Fall. Price, 5 cts. pkt.; 10 cts. oz.



Improved Hanson.

ICEBERG

A beautiful lettuce. Large, curly leaves of bright, light green, with a very slight reddish tinge at the edge. Price, 5 cts. pkt.; 15 cts. oz.

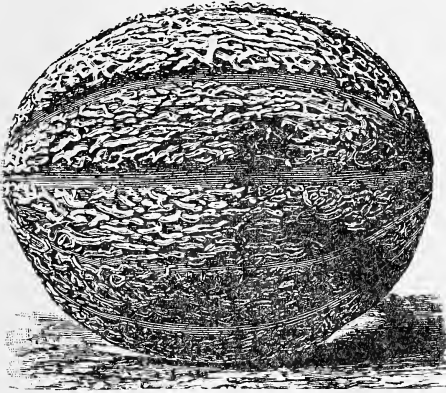
MUSKMELON

NEW EARLY HACKENSACK

The fruit is medium sized, nearly round, evenly and deeply ribbed and with a very coarse netting. The flesh is green, a little coarse, but very juicy, sweet and well flavored. Price, 5 cts. pkt.; 15 cts. oz.; 35 cts. $\frac{1}{4}$ lb.; \$1.30 lb.

TIP TOP

We can heartily recommend this melon to every lover of luscious fruit and to every gardener who grows for the market. Splendid medium size, oval shape, distinctly ribbed; salmon colored, flesh firm and edible almost to the rind. Sweet, juicy, and delicious. A strong grower, heavy yielder and of handsome appearance. Price, 5 cts. pkt.; 15 cts. oz.; 35 cts. $\frac{1}{4}$ lb.; \$1.30 lb.



Osage Muskmelon

OSAGE, OR MILLER'S CREAM

A remarkably fine variety, and a very profitable sort for market gardeners, as it is fully established as a standard sort and will ever remain so. It is of medium size, oval in form, dark green in color, handsomely netted and slightly ribbed. The flesh is extremely and uniformly thick, of firm texture, rich salmon in color; highly flavored and delicious to the rind. Price, 5 cts. pkt.; 15 cts. oz.; 35 cts. $\frac{1}{4}$ lb.; \$1.30 lb.

ROCKYFORD

This has become one of the most popular of small or crate melons. The vines are vigorous and productive. The fruits are oval, slightly ribbed, densely covered with fine netting. Flesh green, very sweet and highly flavored. Price, 5 cts. pkt.; 10 cts. oz.; 30 cts. $\frac{1}{4}$ lb.; \$1.00 lb.

BURRELL'S GEM

Burrell's Gem combines the flavor and shipping qualities of the Rockyford, but is Salmon fleshed. It has a tough thin rind, well arched ribs; covered with a closely laced and interlaced gray netting. Shape quite elongated; flesh of a reddish orange, very thick, fine grained and spicy. Price, 5 cts. pkt.; 15 cts. oz.; 35 cts. $\frac{1}{4}$ lb.; \$1.30 lb.

NETTED GEM

The best early melon known. Shipped to every market of note, in great quantities, every year. Medium size, but of excellent flavor. Price, 5 cts. pkt.; 10 cts. oz.; 30 cts. $\frac{1}{4}$ lb.; \$1.00 lb.

EARLY NUTMEG

Unsurpassed in Luscious Flavor

This is an extra early melon of great productiveness. Particularly adapted for home garden and market. Fruit of medium size, slightly ribbed, globular. Skin dark green, becoming yellow when over-ripe, and neatly covered with broad, shallow netting, flesh thick, sweet and light green color. Price, 5 cts. pkt.; 10 cts. oz.; 35 cts. $\frac{1}{4}$ lb.; \$1.00 lb.

BANANA

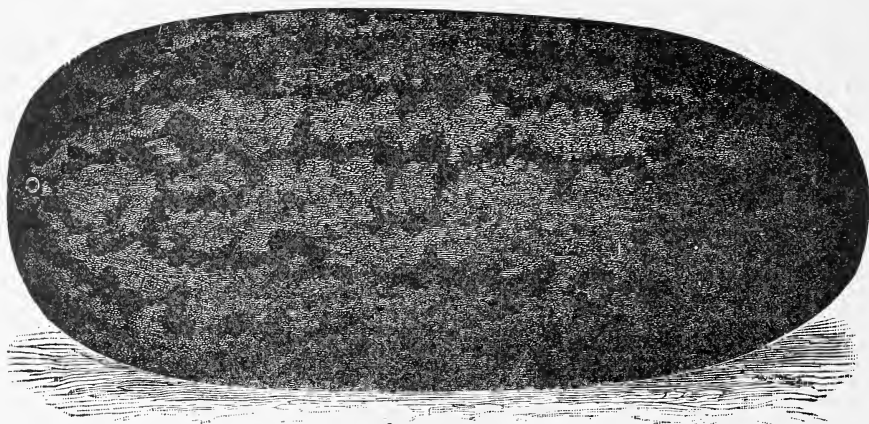
A long salmon fleshed variety of good flavor, growing about fifteen inches long. Price, 5 cts. pkt.; 15 cts. oz.; 35 cts. $\frac{1}{4}$ lb.; \$1.25 lb.

WATERMELONS

GYPSEY OR RATTLESNAKE

On of the largest varieties and stands shipment long distances. Fruit cylindrical, square at the ends, smooth, distinctly striped and mottled light and dark green. Flesh bright scarlet and very sweet. Price, 5 cts. pkt.; 10 cts. oz.; 30 cts. $\frac{1}{4}$ lb.; \$1.00 lb.

Prices Subject to Market Fluctuations



Monte Cristo

KLECKLEY SWEETS OR MONTE CRISTO

Unsurpassed for home use or near markets. Vine vigorous and productive; fruit of medium to large size, oblong, tapering slightly toward the stem end, dark green, often showing fine russetting. Flesh very bright, rich red, exceedingly sweet. Price, 5 cts. pkt.; 10 cts. oz.; 30 cts. $\frac{1}{4}$ lb.; \$1.00 lb.

TOM WATSON

A large, long melon similar in shape, color and splendid quality to Monte Cristo, but averaging larger in size and with a tougher rind, making it especially adapted for shipping. The vines are vigorous and productive. The flesh is rich red, sweet and tender. Undoubtedly the best shipping melon. Price, 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 80 cts. lb.

HALBERT HONEY

A variety somewhat similar to Kleckley's Sweet but of much darker color. The vines are very prolific and usually bear four or five very uniform melons. Quality the highest. Price, 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 80 cts. lb.

KOLB'S GEM

Vines of medium size, but remarkably vigorous and healthy. Leaves of medium size, deeply cut with a peculiar frilled edge. Fruit of the largest size, round or slightly oval, marked with irregular mottled stripes of dark and light green. Outer rind or shell exceedingly hard and firm, making it a good sort for shipping long distances. Flesh bright red, solid, a little coarse, but sweet and tender. Price, 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 80 cts. lb.

COLE'S EARLY

Vary hardy, a sure cropper and extremely delicate in texture of flesh, which is of dark red color; rind is thin and extremely brittle, hence not desirable for shipping purposes, but possessing all the other most desirable features. We highly recommend it for home use. Medium size, nearly round; rind green striped with lighter shades. Price, 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 80 cts. lb.

SWEET HEART

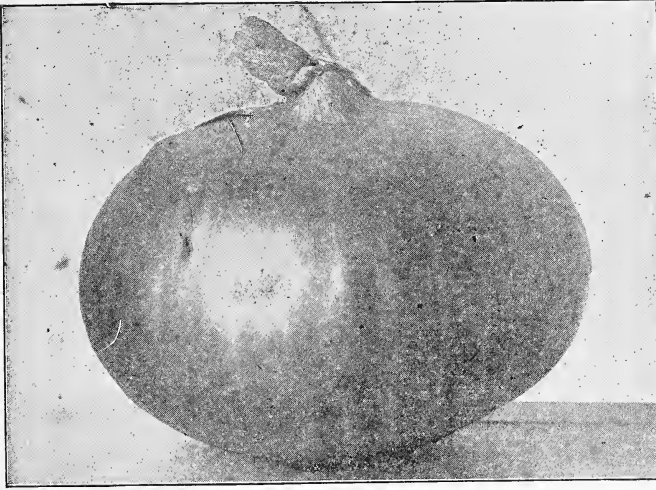
This new melon is early, large, handsome, heavy and productive. The shape is oval and the color mottled light to very light green. Flesh bright red, solid, but tender and very sweet. Price, 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 80 cts. lb.

HUMBOLDT, ILLINOIS

IRISH GREY

The size is uniform and large. Color of rind yellowish gray. Ripens earlier than Watson and will keep in good condition for a long time after picking. Very prolific and a good shipper. Price, 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 80 cts. lb.

CHOICE ONION SEED



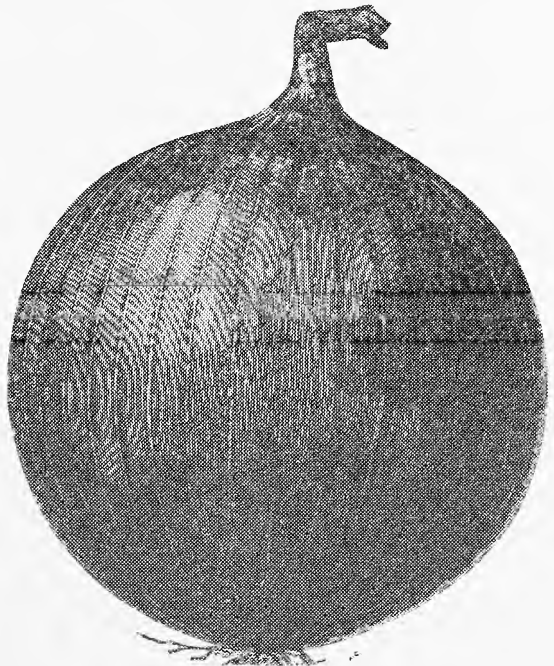
Red Weathersfield

LARGE RED WETHERSFIELD

This is a standard variety and a favorite onion in the east, where immense crops are grown for shipment. Bulb large somewhat flattened, oval shaped; skin deep purple red; flesh white; moderately fine grained and rather strong flavored; very productive; the best keeper and one of the most popular for general use. Price, 10 cts., pkt.; 15 cts. oz.; 60 cts. $\frac{1}{4}$ lb.; \$2.25 lb.

PHILADELPHIA SILVERSKIN OR WHITE PORTUGAL ONION

Flavor mild and pleasant; skin silver white of handsome appearance, highly esteemed for pickling when young, also for market in early winter. It will please you immensely for any purpose. Price, 10 cts. pkt.; 15 cts. oz.; 75 cts. $\frac{1}{4}$ lb.; \$2.50 lb.



Red Globe

SOUTHPORT WHITE GLOBE

This grows to a very large size and is a perfectly globe shaped onion. Color is clear pure white. Price, 10 cts. pkt.; 20 cts. oz.; 75 cts. $\frac{1}{4}$ lb.; \$2.50 lb.

LEONARD'S RED GLOBE

The deep dark red color of our Red Globe is one of its superior points, while in shape and size it is a counterpart of our Popular Yellow Globe.

In the Michigan, Indiana and Ohio onion sections as well as in Illinois and Iowa, this strain of Red Globe produces the prize-winning red onions.

Where competition is keen it will pay large returns for the additional cost of the seed. Price, 10 cts. pkt.; 15 cts. oz.; 60 cts. $\frac{1}{4}$ lb.; \$2.25 lb.

YELLOW GLOBE DANVERS

This fine onion is of large size. An early and abundant cropper. Bulbs very thick, flat or slightly convex bottoms, full oval top with small neck and rich brownish yellow skin. Price, 10 cts. pkt.; 15 cts. oz.; 60 cts. $\frac{1}{4}$ lb.; \$2.00 lb.

PRIZETAKER

Grows to an immense size and for fall marketing is unexcelled. Although of such great size, it is very hardy and a fair winter keeper, as it ripens up hard and firm; very fine grained, and of mild, delicate flavor. The outside skin is rich yellow, while the flesh is white. To get the best results from this onion the seed is sown in beds and transplanted. It will, however, make a good crop if sown in the ordinary way. Price, 10 cts. pkt.; 20 cts. oz.; 75 cts. $\frac{1}{4}$ lb.; \$2.25 lb.

PARSNIPS

IMPROVED GUERNSEY

A half-long variety of good quality, the roots are white, very tender, with a smooth, clean skin. Price, 5 cts. pkt.; 10 cts. oz.

HOLLOW CROWN

Roots long, white, smooth, tender, sugary and of most excellent flavor. Very hardy, and will keep through winter without protection. Price, 5 cts. pkt.; 10 cts. oz.

MANGO AND HOT PEPPERS

SWEET MOUNTAIN

Plants very vigorous and productive, growing upright, with moderately large leaves. Fruit very large, long, often eight inches or more in length, by two in diameter. Price, 10 cts. pkt.

LONG RED CAYENNE

(The Red Hot Pepper)

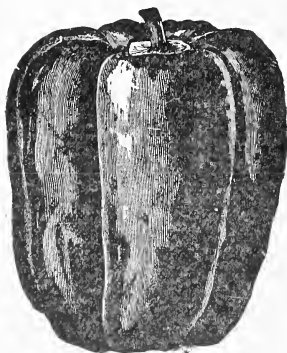
A long, slim-pointed pod, and when ripe of a bright red color. Strong and pungent. Price, 10 cts. pkt.

RUBY KING

An improved American sort, reaching the largest size, yet retaining the symmetrical shape of the smaller sorts. Price, 10 cts. pkt.

CHINESE GIANT PEPPER

Without doubt one of the very best and largest Man-go Peppers ever introduced. Its mammoth size, splendid shape, beautiful rich, glossy-red flesh and mild flavor, all lead us to speak of it in words of commendation. Price, 10 cts. pkt.



Ruby King

RED CHILI

Used in the manufacture of pepper sauce. Price, 10 cts. pkt.

PIMENTO

A very thick-fleshed, smooth, mild, crimson variety, much used for salads. Price, 10 cts. pkt.

LARGE BELL OR BULL NOSE

A very large sort of inverted bell shape, suitable for filling or for a mixed pickle. Flesh thick, hard and less pungent than most other sorts. Price, 5 cts. pkt.

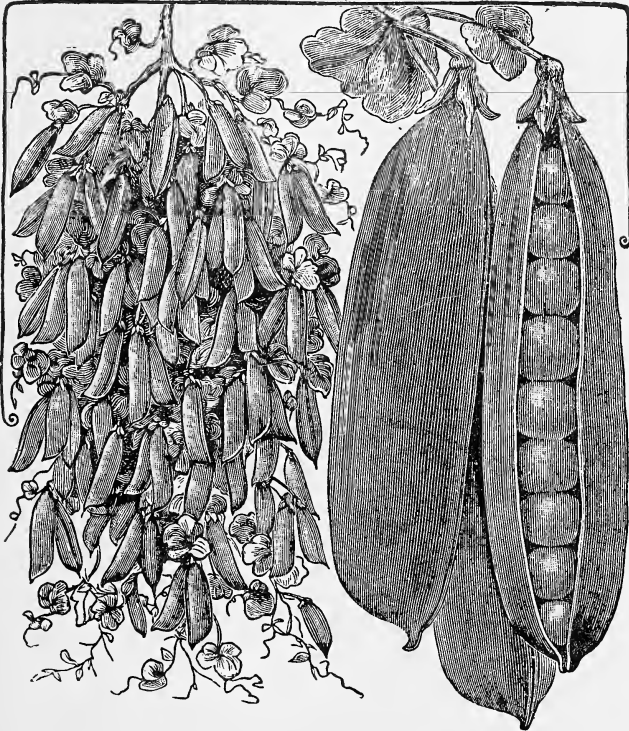
GOLDEN DAWN

In shape it resembles the popular Bell or Bull Nose Pepper. It is of a most beautiful golden yellow color, making a very handsome appearance, both in growth and upon the table. Price, 10 cts. pkt.

PEAS

TELEPHONE

Vines and leaves large and coarse. Foliage light green in color. Height, 40 to 50 inches, pods $4\frac{1}{2}$ inches long, broad pointed, medium green in color. Fit to pick 62 to 65 days from planting. Seed large green, wrinkled. Price, 10 cts. pkt.; 18 cts. $\frac{1}{2}$ lb.; 30 cts. lb.



NOTT'S EXCELSIOR

Resembling Gems in habit, but more dwarf and uniform in growth, height 12 to 17 inches, with rather light foliage. Pods are light in color, round, about $2\frac{1}{2}$ inches long, blunt at the ends. Fit for picking 56 days from planting. Seed green wrinkled, medium in size and square at the ends. Price, 10 cts. pkt.; 18 cts. $\frac{1}{2}$ lb.; 30 cts. lb.

AMERICAN WONDER

Vigorous, productive vines, with a luxuriant foilage, and producing the leaves on one side of the stalk, and growing from 9 to 12 inches high. On account of its dwarf habit of growth, it is very desirable for private garden use.

en use. Pods are light colored, straight, round, about $2\frac{1}{2}$ inches long and blunt at the end. Fit for picking 55 days from planting. Seed is wrinkled, green, medium in size and square at the ends. Price, 10 cts. pkt.; 18 cts. $\frac{1}{2}$ lb.; 30 cts. lb.

Prices Subject to Market Fluctuations

EVERBEARING

Vigorous and branching in habit of growth. Height, 2½ to 3 feet. Pods, 2¾ to 3 inches long. Broad, light colored and blunt. Fit to pick 70 days from planting. Seed, green, wrinkled. Large in size. Price, 10 cts. pkt.; 18 cts. ½ lb.; 30 cts. lb.



GRADUS

A large, wrinkled, early Pea, with a pod nearly as large as Telephone, filled with large peas, tender and of good quality and flavor. Very quick to germinate and mature with the early sorts. This pea will not stand adverse conditions, however, as well as some of the other sorts, and seed must be planted after all danger of early frost has passed. Height of vine, 26 to 30 inches, with large, luxuriant foliage, pale green in color. Pods dark green, 4 to 4½ inches in length, and pointed; fit for table use 52 days from planting. Seed large, cream colored and wrinkled. Price, 10 cts. pkt.; 18 cts. ½ lb.; 30 cts. lb.

McLEAN'S LITTLE GEM

Strong and vigorous in growth, producing vines from eighteen to twenty-four inches in height, dark foliage, bearing pods singly on both sides of the stalk beginning near the ground. Pods are almost straight, two and a half to two and three-quarters inches long, light in color and blunt at the ends. Ready to pick fifty-nine to sixty-one days from planting. Seed is green, wrinkled, and medium in size. Price, 10 cts. pkt.; 18 cts. ½ lb.; 30 cts. lb.

LITTLE MARVEL

An extra fine dwarf sweet pea. Pods somewhat larger than Nott's Excelsior and same season. A fine variety for either private or market garden. Height fourteen inches. Foliage and pods very dark green; pods three inches long, nearly round and square ended, containing seven very dark green peas of high quality; very productive. Price, 10 cts. pkt.; 18 cts. ½ lb.; 30 cts. lb.

ABUNDANCE

Vigorous in growth and productive, bearing pods in great abundance, although of medium size and of excellent quality. Fit for picking 71 days from planting. Pods are dark green and blunt. Seed green, wrinkled, and medium in size. Price 10 cts. pkt.; 18 cts. ½ lb.; 30 cts. lb.

Prices Subject to Market Fluctuations

CONDON'S MAMMOTH PODDED LITTLE MIDGET.

Its extreme earliness, combined with the large pods, which are always filled with sweet, luscious peas, makes Condon's Little Midgets the universal favorite. Height of vines only 15 inches; pods $4\frac{1}{2}$ inches long; well filled and quality fully equal, if not surpassing any pea in existence. The pods contain from 7 to 8 large dark green peas, which remain in edible condition a week later than most other varieties. Pkt. 10 cts.; $\frac{1}{2}$ lb., 22 cts.; lb., 40 cts.

PUMPKIN

CONNECTICUT FIELD

The hardiest of all pumpkins; cultivated mainly for stock-feeding, producing enormous crops. Price, 5 cts. pkt.; 10 cts. oz.; 20 cts. $\frac{1}{4}$ lb.

CHEESE, OR KENTUCKY FIELD

One of the best for table use, and very productive. Shape flat; flesh yellow, thick and tender. Price, 5 cts. pkt.; 10 cts. oz.; 20 cts. $\frac{1}{4}$ lb.

SUGAR OR PIE

A rather small, but handsome variety. Shape, round; skin deep orange colored; flesh fine grained, sweet-flavored; superior for pies. Price, 5 cts. pkt.; 10 cts. oz.; 20 cts. $\frac{1}{4}$ lb.

RADISH

CRIMSON GIANT TURNIP, FORCING

A variety extraordinary in that while growing to an unusually large size, it is always tender, crisp and of mild flavor. It remains in perfect condition a remarkably long time, and unlike other forcing varieties, does not become pithy even when twice their size in diameter. Price, 5 cts. pkt.; 10 cts. oz.

NEW WHITE VIENNA OR LADY FINGER

Beautiful in shape and the skin and flesh are pure snow white. Crisp, brittle, and of rapid growth. Price, 5 cts. pkt.; 10 cts. oz.

EARLY SCARLET TURNIP

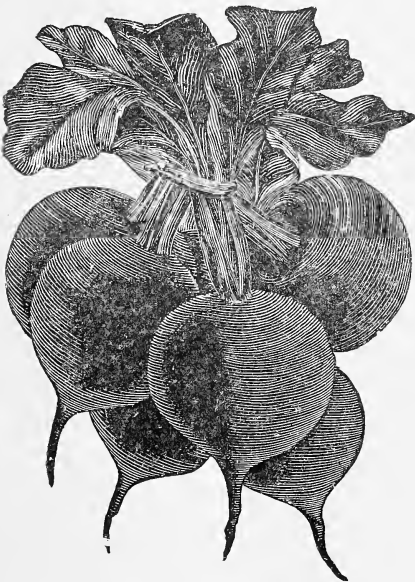
The standard early turnip radish. Excellent color, fine flavored and an excellent table variety. Price, 5 cts. pkt. 10 cts. oz.

FRENCH BREAKFAST

A medium sized radish, olive shaped, small top, of quick growth, very crisp and tender, of a beautiful scarlet color, except near the tip which is pure white. Price, 5 cts. pkt.; 10 cts. oz.

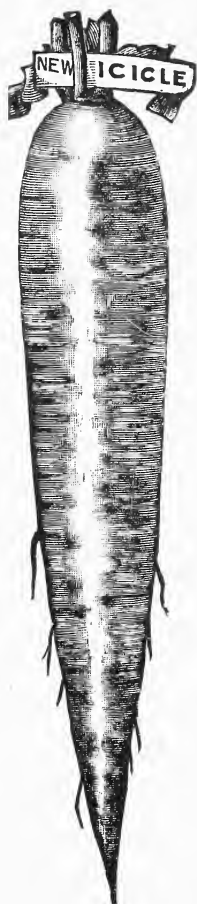
LONG SCARLET SHORT TOP

Long, straight, smooth, red radish; it grows tender, crisp and sweet. Price, 5 cts. pkt.; 10c oz.



Scarlet Turnip

Prices Subject to Market Fluctuations



Icicle

HALF LONG DEEP SCARLET

A variety half the length of Long Scarlet and of same form. Price, 5 cts. pkt.; 10 cts. oz.

WHITE STRASBURG

This grows to the largest size and is usable when quite small, thus covering a long season. Four to five inches long and about two inches thick. Very white, crisp and tender. Price, 5 cts. pkt.; 10 cts. oz.

SCARLET TURNIP WHITE TIPPED

One of the handsomest of the turnip radishes and a great favorite in many large markets for early planting outdoors. It is but little later than the White Tipped Forcing, and will give entire satisfaction where extreme earliness is not the primary object. Roots slightly flattened on the underside, color very deep scarlet with a white tip; flesh white and of the best quality. Price, 5 cts. pkt.; 10 cts. oz.

ICICLE

Entirely distinct, long, slender, pure white. Earliest and finest long white, with less foliage, rendering it most desirable for forcing. Price, 5 cts. pkt.; 10 cts. oz.

RADISH—WINTER VARIETIES

The Winter Radish is sown at late turnip planting time and used in the autumn or stored for winter like the turnip.

ROUND BLACK SPANISH

Roots round, sometimes top-shaped, three or four inches in diameter; skin black, flesh white, very compact and highly flavored. An excellent sort for winter, as the roots keep a long time. Price, 5 cts. pkt.; 10 cts. oz.

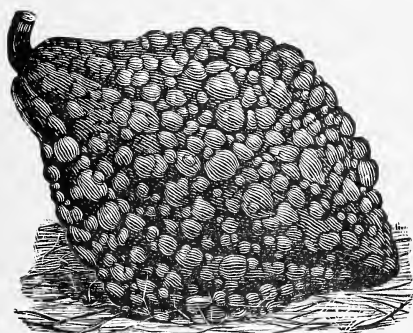
LONG BLACK SPANISH

One of the latest as well as hardiest of the radishes; an excellent sort for winter use. Price, 5 cts. pkt.; 10 cts. oz.

ROSE OR SCARLET CHINA

Roots cylindrical, or largest at the bottom, tapering abruptly to a small top. Skin very smooth and of a bright rose color; flesh firm, crisp, tender and quite pungent. Price, 5 cts. pkt.; 10 cts. oz.

Prices Subject to Market Fluctuations



SQUASH

LEONARD'S GIANT CROOK-NECK

This strain is a great improvement on the old variety of Crook-Neck. It is larger and better in every way. Price, 5 cts. pkt.; 10 cts. oz.

YELLOW BUSH

Standard early summer variety, nice to use in its green state and valuable for making pies when it has attained full size. Price, 5 cts. pkt.; 10 cts. oz.

BLUE HUBBARD OR MARBLEHEAD

Without question this is one of the best fall and winter varieties. Flesh bright, creamy yellow, fine grained, very dry, sweet and delightfully flavored, and a good keeper. Price, 5 cts. pkt.; 10 cts. oz.

GOLDEN HUBBARD

This is a very distinct sort, of the shape and general character of the Hubbard, but a little smaller; of rich orange red color, instead of the dark olive green. Price, 5 cts. pkt.; 10 cts. oz.

SUNFLOWER

SUNFLOWERS ARE WITHOUT DOUBT THE MOST PROFITABLE SEED THAT CAN BE RAISED FOR POULTRY.

MAMMOTH RUSSIAN

It is grown for its seeds, which are valuable food for stock, particularly poultry; also for parrots. It is considered the best egg producing food known. Poultry eat it greedily, fatten on it, obtain a bright lustrous plumage, and strong, healthy condition, that illustrates the benefits from its use. It can be raised as cheaply as corn, yields well. Single heads measure twelve to twenty-two inches across and contain an immense quantity of seed. Can be sown any time to the middle of July. Price, 10 cts. pkt.; 25 cts. lb.

TOMATOES

GREATER BALTIMORE—LEONARD'S STRAIN—WILT RESISTANT

One of the best second early and main crop varieties. It is a red tomato, vigorous and very productive. Preferred by many canners on account of its heavy yield. Price, 5 cts. pkt.; 15 cts. oz.

BEEFSTAKE TOMATOES

Something new in the line of tomatoes. Nothing in the way of a tomato creation has achieved, in so short a time, the tremendously excellent reputation that has come to the Beefstake Tomato. Matures early, hardy grower, handsome color; the best keeper, and large size. Price, 10 cts. pkt.; 40 cts. oz.

TRUCKER'S FAVORITE

The finest large-fruited purple tomato. The fruits continue of large size to the very last and are always unexcelled for slicing or cooking. Price, 5 cts. pkt.; 18 cts. oz.

SPARK'S EARLIANA

This is an excellent large fruited tomato and especially valuable because of its earliness. It is a desirable variety for the market gardener or the home garden.

The fruits are a bright deep scarlet nearly round and exceptionally smooth for a variety that is so early. Price, 5 cts. pkt.; 20 cts. oz.

NEW STONE

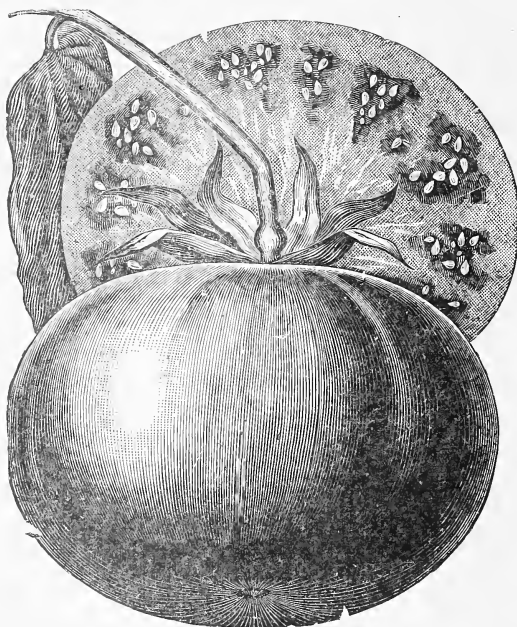
A fine new variety, bright red, very solid and smooth. A splendid main crop variety. Price, 5 cts. pkt.; 20 cts. oz.

LIVINGSTON'S GLOBE.

Is of beautiful globe-shape, with quite a percentage of elongated fruits, which permits of a greater number of slices being taken than with flat fruited sorts. Price, 10 cts. pkt.; 30 cts. oz.

ACME

One of the best standard sorts. Of a fine crimson purplish color. Shape is smooth, size large and uniform. For the market or home garden no sort is better. Price, 5 cts. pkt.; 20 cts. oz.



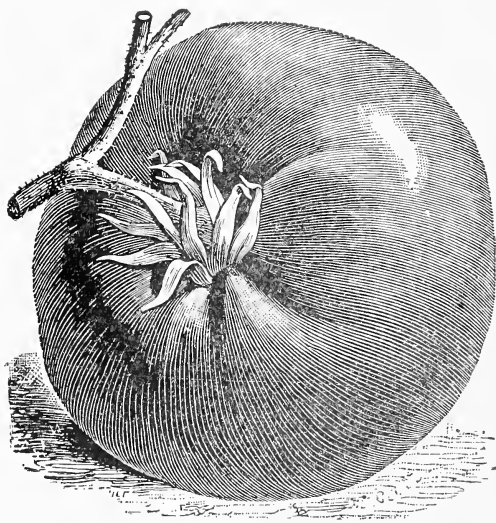
New Stone

CORELESS

This variety has less indenture than any other of the red varieties. It has no corrugations at stem end, and absolutely no green core; for these reasons it is a model variety for canning and catsup. Price, 10 cts. pkt.; 25 cts. oz.

HENDERSON'S PONDEROSA

The Ponderosa when conditions are favorable, grows to an immense size and makes the heaviest fruit of any in the list. Their flesh is solid; almost without seeds and of fine, sweet flavor. The vines are healthy and vigorous. None better. Price, 10 cts. pkt.; 40 cts. oz.



Henderson's Ponderosa

Prices Subject to Market Fluctuations

TURNIPS

PURPLE TOP WHITE GLOBE

A globular variety, very even in shape and of beautiful appearance. The flesh is white, of excellent quality and desirable for table or stock. The variety is a good keeper and a fine market sort. Price, 5 cts. pkt.; 10 cts. oz.

EARLY SNOWBALL OR SIX WEEKS

This excellent variety of turnip is very tender and sweet; matures in six weeks. A perfectly globe shaped, white-skinned turnip. We recommend it to market gardeners because its earliness and fine appearance make it a very profitable variety of turnip. Price, 5 cts. pkt.; 10 cts. oz.

PURPLE TOP STRAP LEAF

The demand for this popular variety is always heavy. It is one of the best turnips on the market for both table and stock feeding. Has a bright purple top, white underneath. Leaves are short, narrow and erect. Flesh white, fine grained and of mild, pleasant flavor. Matures in eight or nine weeks. Price, 5 cts. pkt.; 10 cts. oz.

POTATOES

RED RIVER SIX WEEKS OR TRIUMPHS

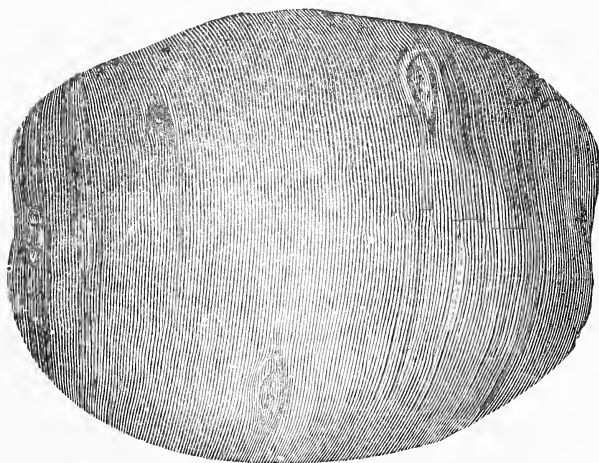
We prefer to say that this is an extra early potato, a little earlier than the Early Ohio. It has become immensely popular, and is much sought after, especially by farmers so that they may have early eating potatoes at a time when they are usually high to buy. This potato grows very rapidly and yields well. Prices on application.

PURE EARLY ROSE

The good old favorite, which continues in great popularity. A prolific yielder, sure cropper and popular market potato. Every farmer and gardner knows the good Early Rose and nothing more need to be said in its favor. Prices on application.

EARLY OHIO

Early Ohio is without doubt the most popular early potato in the country. Everyone knows what it is and knows that it can be relied upon for an early market variety in almost every locality. Prices on application.

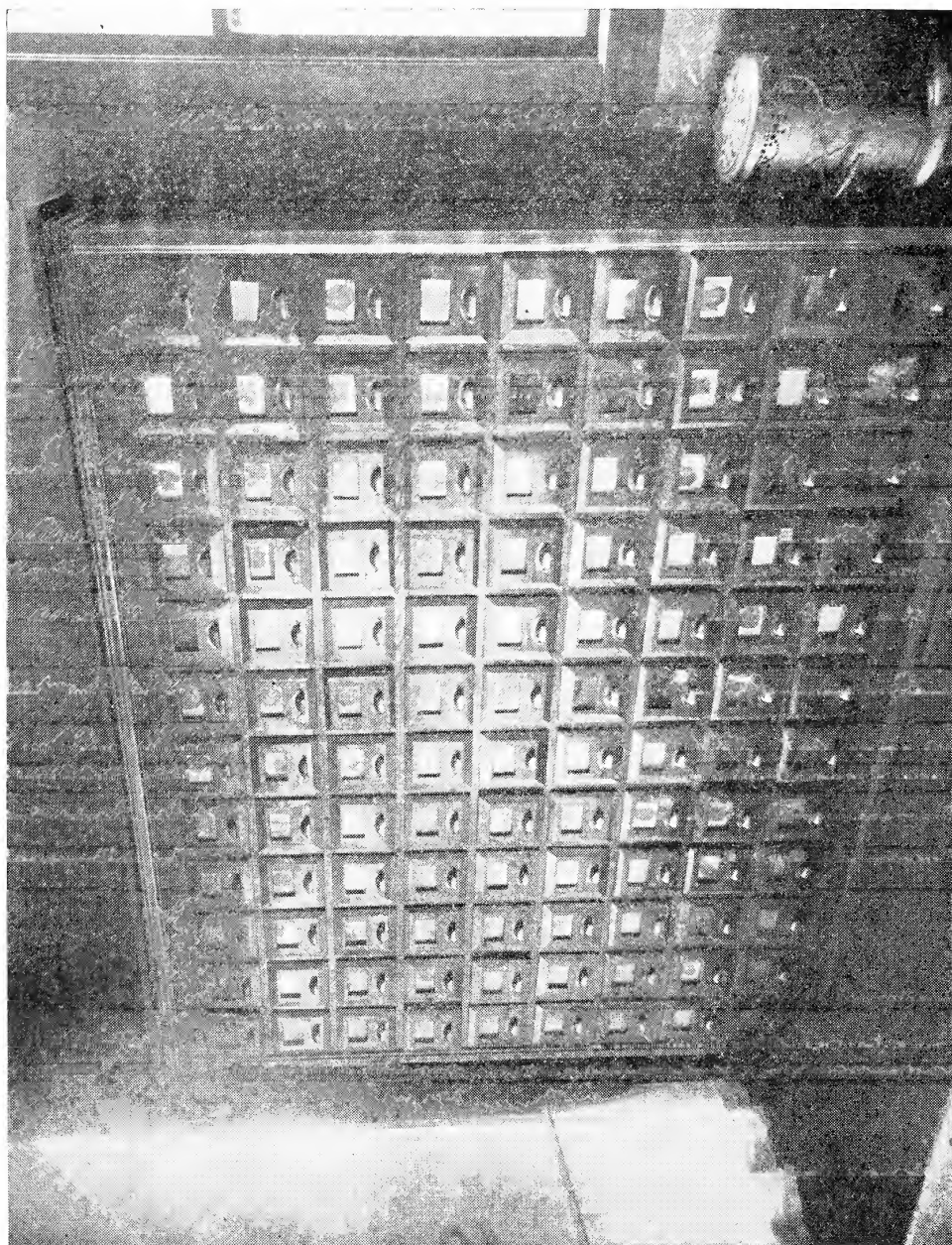


SWEET PEAS

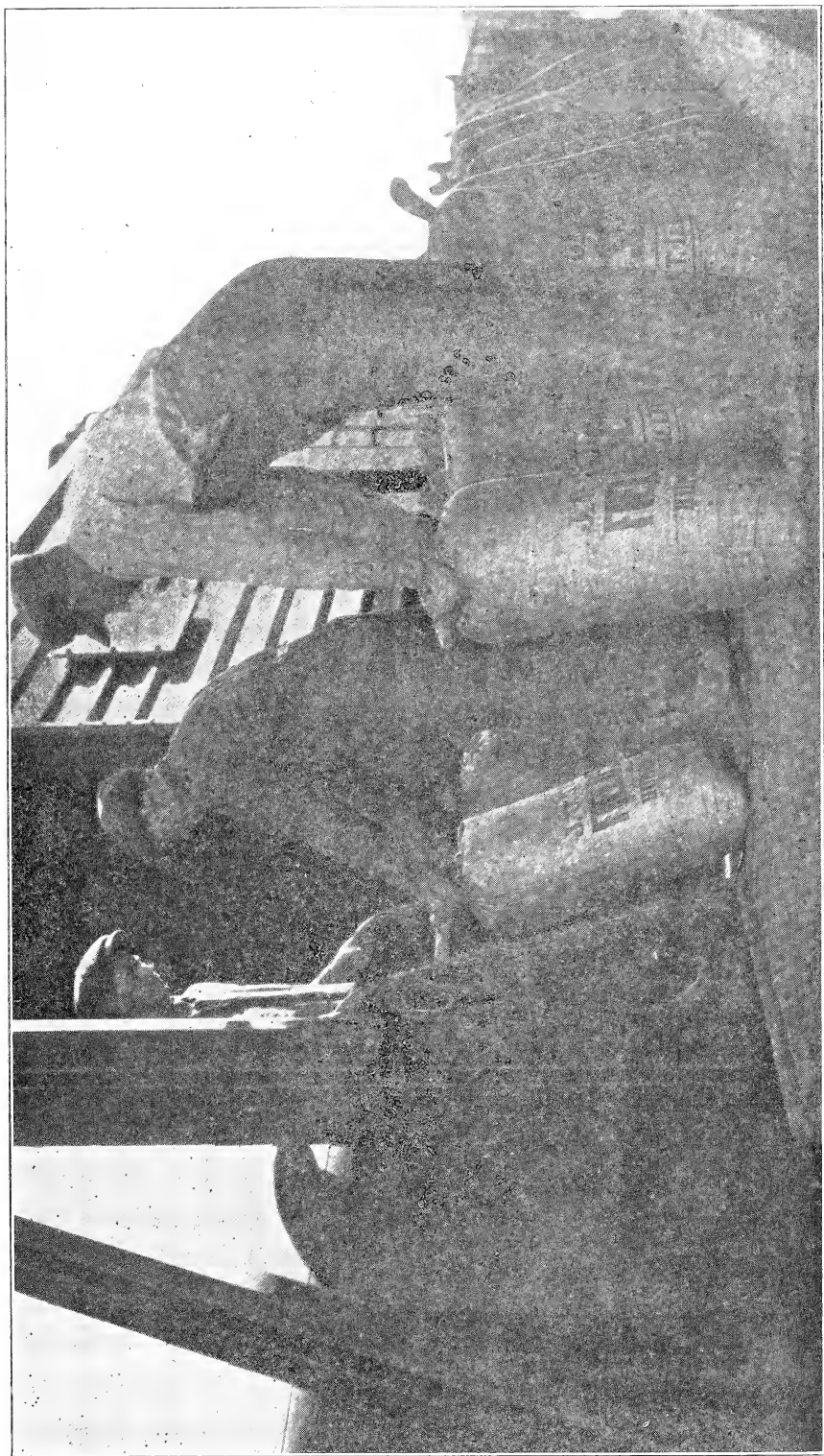
Leonard's Fancy Mixed. Price, per pkt., 10 cts.
Spencer's Mixed. Price, 20 cts. pkt.

NASTURTIUMS

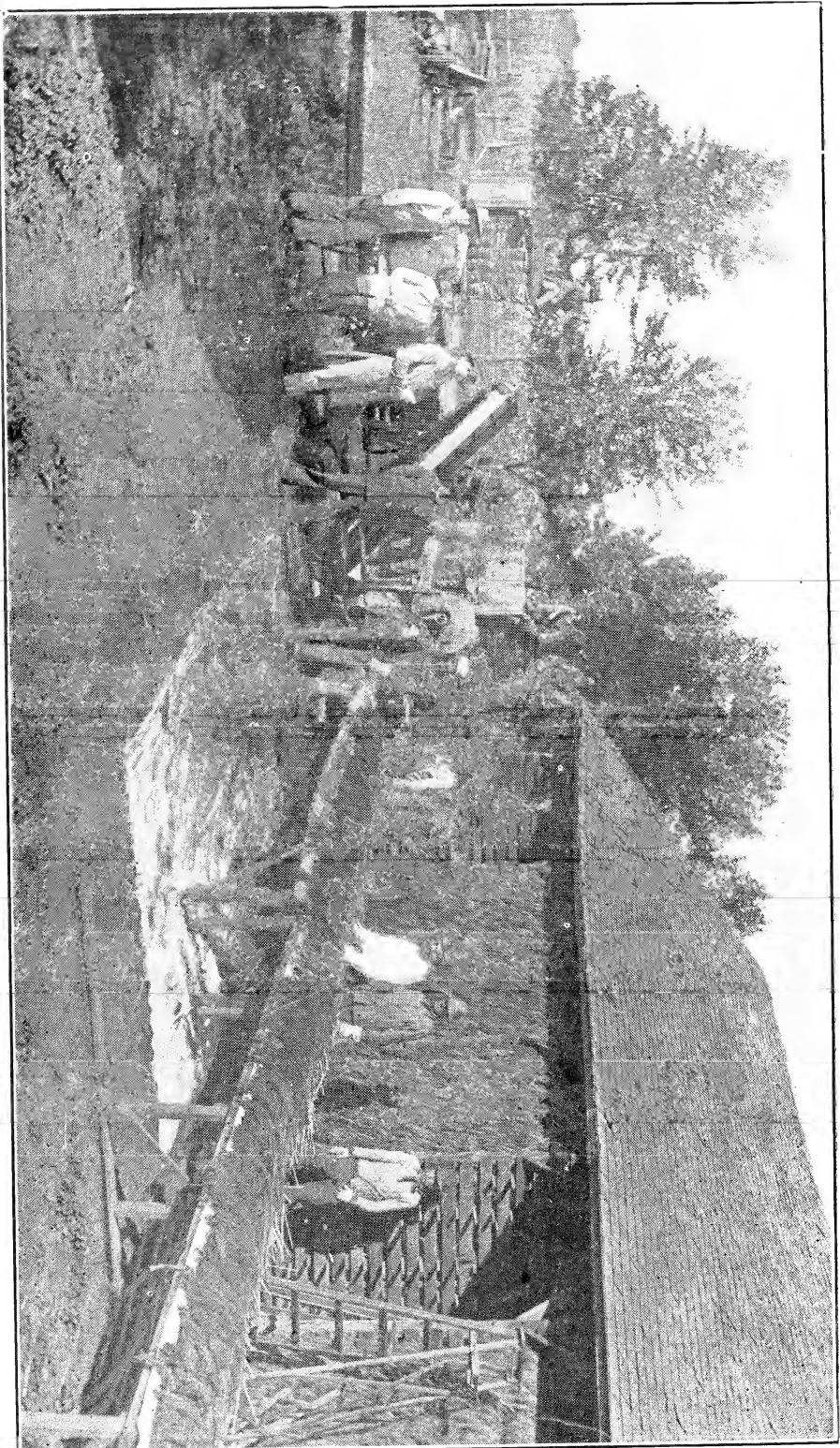
Dwarf Mixed. Price, per pkt., 10 cts.
Tall Mixed. Price, 10 cts. pkt.



VIEW OF INTERIOR OF GARDEN SEED DEPARTMENT



LOADING SEED IN THE CAR READY FOR SHIPMENT



THRESHING AND BALING OF BROOM CORN SEED CROP ON COLES COUNTY SEED FARM